



# STIC Search Report

## EIC 2100

STIC Database Tracking Number: 194566

**TO: Quoc A Tran**  
**Location: RND 3A60**  
**Art Unit : 2176**  
**Friday, July 07, 2006**

**Case Serial Number: 09/707723**

**From: Geoffrey St. Leger**  
**Location: EIC 2100**  
**Randolph-4B31**  
**Phone: 23450**

**geoffrey.stleger@uspto.gov**

### Search Notes

Dear Examiner Tran,

Attached please find the results of your search request for application 09/707723. I searched Dialog's foreign patent files and non-patent literature files.

Please let me know if you have any questions.

Regards,

Geoffrey St. Leger  
4B31/x23540

1004  
Access DB# 194566  
**SEARCH REQUEST FORM**

Scientific and Technical Information Center

Requester's Full Name: QUOC A. TRAN Examiner #: 80135 Date: 6/30/2006  
Art Unit: 2176 Phone Number 3044103 Serial Number: 09/707,923  
Mail Box and Bldg/Room Location: RND-3A65 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: DISPLAY FOR RAPID TEXT READING  
Inventors (please provide full names): RICHARD M. BENTLEY

Earliest Priority Filing Date: 11/08/2000

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please search the following:

Claim 1:

- a first display region w/ words from the text
- a second display region a portion of overlapped by the first display region and presented a thumbnail view

(PLEASE see claim 1 for detail)

see Fig 4a-b

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JUL 03 2006

BY: .....

\*\*\*\*\*  
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	Type of Search	Vendors and cost where applicable
Searcher: <u>Geoffrey St. Leger</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>23520</u>	AA Sequence (#) _____	Dialog <u>✓</u>
Searcher Location: <u>4831</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>7/5/06</u>	Bibliographic <u>✓</u>	Dr. Link _____
Date Completed: <u>7/7/06</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>50</u>	Fulltext <u>✓</u>	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>210</u>	Other _____	Other (specify) _____

File 275:Gale Group Computer DB(TM) 1983-2006/Jul 05  
(c) 2006 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Jul 04  
(c) 2006 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2006/Jul 05  
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File 16:Gale Group PROMT(R) 1990-2006/Jul 05  
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File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2006/Jul 04  
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File 369:New Scientist 1994-2006/Jun w3  
(c) 2006 Reed Business Information Ltd.  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 610:Business Wire 1999-2006/Jul 06  
(c) 2006 Business Wire.  
File 613:PR Newswire 1999-2006/Jul 06  
(c) 2006 PR Newswire Association Inc

Set	Items	Description
S1	800865	(READ??? OR READABILITY OR VIEW??? OR DISPLAY??? OR PRESEN- T??? OR PRESENTATION OR SCAN?)(5N)(TEXT OR TEXTUAL OR WORD? ? OR SENTENCE? ? OR DOCUMENT? ? OR PAGE? ? OR WEBPAGE? ? OR BOO- K? ? OR EBOOK? ? OR NEWSPAPER? ? OR ARTICLE? ? OR CHARACTER? - ?)
S2	147924	(MOV??? OR MOVEMENT OR CYCL??? OR CIRCL??? OR ENCIRCL??? OR ROTAT???? OR REVOLV??? OR REVOLUTION? ? OR SHIFT??? OR SLID?- ?? OR SCROLL???) (5N)(PAGE? ? OR WEBPAGE? ? OR DOCUMENT? ? OR - BOOK OR EBOOK? ? OR NEWSPAPER? ? OR ARTICLE? ?)
S3	183766	(MAGNIF? OR ENLARG? OR ENHANC? OR EXPAND??? OR EXPANSION OR AUGMENT??? OR SIZE)(7N)(TEXT??? OR WORD? ? OR SENTENCE? ? OR CONTENT? ? OR CHARACTER? ? OR STRING? ?)
S4	254206	(WINDOW? ? OR GLASS?? OR BOX?? OR PANE??? OR REGION? ? OR - SECTION? ? OR SQUARE? ? OR AREA? ? OR ZONE)(7N)(TEXT??? OR WO- RD? ? OR SENTENCE? ? OR CONTENT? ? OR CHARACTER? ? OR STRING? ?)
S5	659989	(MAGNIF? OR ENLARG? OR ENHANC? OR EXPAND??? OR EXPANSION OR AUGMENT??? OR SIZE)(7N)(WINDOW? ? OR GLASS?? OR BOX?? OR PAN- E??? OR REGION? ? OR SECTION? ? OR SQUARE? ? OR AREA? ? OR ZO- NE)
S6	48158	(WINDOW? ? OR GLASS?? OR BOX?? OR PANE??? OR REGION? ? OR - SECTION? ? OR SQUARE? ? OR AREA? ? OR ZONE)(7N)(FIXED OR RIGID OR STATIONARY OR ("NOT" OR WITHOUT OR NO OR T)(3W)(MOV??? OR MOVEMENT? ?))
S7	18	S1(50N)S2(50N)(S3 OR S5)(50N)S4(50N)S6
S8	23	S1(100N)S2(100N)(S3 OR S5)(100N)S4(100N)S6
S9	16	RD (unique items)
S10	235	S1(50N)S2(50N)(S3 OR S5)(50N)S4
S11	181	S1(50N)S2(50N)S3(50N)S4
S12	134	RD (unique items)
S13	105	S12 NOT (S9 OR PY=2001:2006)

**13/3,K/2 (Item 2 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02292321 SUPPLIER NUMBER: 54516131 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**An XML Editing Package Fit For Experts, Novices.(Arbortext's Adept Editor 8.0)(Software Review)(Evaluation)**  
Bremser, Wayne  
Internet World, 5, 16, 33(1)  
April 26, 1999  
DOCUMENT TYPE: Evaluation ISSN: 1097-8291 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1345 LINE COUNT: 00102

... tool, which will enable authors to create documents before associating them with a DTD.

The **Document Map view** in Adept Editor is, of course, far more sophisticated than its **word** counterpart. The map of a structured document **expands** to an almost infinite level of detail and includes helpful iconography that indicates where an...

...points to an element end tag with a "closing" arrow tag.

Other icons in the **document** map **display** the location of graphics, tables, and hyperlinks. Inserting new elements into a document in the...  
...the elements that may be inserted. A toolbar icon also provides the same option. To **move** elements around in a **document**, you can cut and paste or use a drag-and-drop function with icons that...

...be inserted from this DTD view.

The second area of the interface is the edit **pane**, which **displays** the **content** of a **document** (as opposed to the **document** map, which **displays** the structure). Clicking around a **document** in either pane automatically updates the location in the other pane, so that they are...

**13/3,K/3 (Item 3 from file: 275)**  
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02243610 SUPPLIER NUMBER: 21018056 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**PaperMaster 98.(DocuMagix's document management software) (Software Review)(Evaluation)**  
Computer Shopper, v18, n9, p291(1)  
Sept, 1998  
DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 467 LINE COUNT: 00040

... include new support for storing, indexing, and searching ZIP files--along with most types of **windows word** processor, spreadsheet, and graphics files--in your database. A new viewer lets you see any...

...within PaperMaster even if you lack the application that created them (for example, you can **view word** and Excel **documents**). And the new Publish Cabinet function lets you copy the contents of an entire folder...

...in a search, PaperMaster doesn't highlight the target text or let you search for **text** from within the document.

PaperMaster 98's **magnificent** interface comes at a price: time. Unless you're willing to spend a lot of time **scrolling** through **documents** in search of relevant passages, you will not want to use PaperMaster 98 for much...

**13/3,K/4 (Item 4 from file: 275)**

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02243607 SUPPLIER NUMBER: 21018053 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Virtual Office Managers.(six document management software packages)**  
**(Software Review)(Evaluation)**

Gliedman, John

Computer Shopper, v18, n9, p290(1)

Sept, 1998

DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 3305 LINE COUNT: 00259

... stamps like "Void" or "Approved" on images.

PaperMaster also makes it easy to save web **pages** viewed in Netscape or Internet Explorer to your PaperMaster in-box. Just select the Save...

...new support for storing, indexing, and searching ZIP files--along with most types of windows **word** processor, spreadsheet, and graphics files--in your database. A new viewer lets you see any...

...within PaperMaster even if you lack the application that created them (for example, you can **view Word** and Excel **documents**). And the new Publish Cabinet function lets you copy the contents of an entire folder...  
...in a search, PaperMaster doesn't highlight the target text or let you search for **text** from within the document.

PaperMaster 98's **magnificent** interface comes at a price: time. Unless you're willing to spend a lot of time **scrolling** through **documents** in search of relevant passages, you will not want to use PaperMaster 98 for much more than maintaining collections of photos, recipes, and short **documents**.

PaperPort **Scanner Suite**

Even if you need to maintain a database containing moderately lengthy **documents**, Visioneer's PaperPort **Scanner Suite** may be all you need. The package ships with Visioneer's popular PaperPort Deluxe...

...applets that let you do everything from converting scanned forms into electronic forms to publishing **scanned** images and **documents** to the web.

Just as in previous releases, folders display in an Explorer-like **window** on the desktop while the **contents** of the currently open folder display in a separate window as thumbnail images. Scanned files...

13/3,K/5 (Item 5 from file: 275)

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02176349 SUPPLIER NUMBER: 20611859 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**ION Web Products Inc.: EZ Text.(browser-within-browser web utility)**  
**(Software Review)(Evaluation)**

PC Magazine, v17, p86(1)

May 15, 1998

DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 244 LINE COUNT: 00020

The EZ Text applet appears in a web page as a framed or unframed **box** of any **size** you choose. When a **text** file is linked to the applet through tags, the beginning of the file is displayed...

...opens the entire file in a document browser that enables the user to read long **documents** without **scrolling** up and down. The EZ Text interface includes Home, Previous, and Next buttons, as well as buttons that increase and decrease font **size**.

You can make EZ **Text display** in-line GIF files by prefacing the

filenames with @ in the text file, and you...

...a page, you can make attractive-looking online newsletters with articles linked to each. **EZ Text enhances** the browsing experience and will attract users back to your site time and time again...

...Products Inc., Crystal City, MO; 888-466-5282, 314-937-9094;  
www.ionwebproducts.com.

**EZ Text** creates a **window** within web **pages** that **displays text** and graphics.

**13/3,K/6 (Item 6 from file: 275)**

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02162833 SUPPLIER NUMBER: 20502917 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**ION Web Products Inc.: EZ Text.(Java-based utility displays text and images in boxes within web pages) (Software Review)(Evaluation)(Brief Article)**

Plain, Stephen

PC Magazine, v17, n7, p131(1)

April 7, 1998

DOCUMENT TYPE: Evaluation Brief Article ISSN: 0888-8507

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 251 LINE COUNT: 00021

The EZ Text applet appears in a web page as a framed or unframed **box** of any **size** you choose. When a **text** file is linked to the applet through tags, the beginning of the file is displayed...

...opens the entire file in a document browser that enables the user to read long **documents** without **scrolling** up and down. The EZ Text interface includes Home, Previous, and Next buttons, as well as buttons that increase and decrease font **size**.

You can make **EZ Text display** in-line GIF files by prefacing the filenames with an @ in the text file, and...

...page, you can make attractive-looking online newsletters with separate articles linked to each. **EZ Text enhances** the browsing experience and will attract users back to your site time and time again...

...5282, 314-937-9094; www.ionwebproducts.com. Choose 544 at  
www.pcmag.com/infolink.

**EZ TEXT** creates a **window** within web **pages** that **displays text** and graphics.

**13/3,K/13 (Item 13 from file: 275)**

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01965260 SUPPLIER NUMBER: 18510515

**Adobe File Utilities: Mac utilities are better on Windows. (Adobe Systems' text processing software) (Software Review)(Evaluation)(Brief Article)**

Schwartz, Steve

Macworld, v13, n8, p62(1)

August, 1996

DOCUMENT TYPE: Evaluation Brief Article ISSN: 0741-8647

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 620 LINE COUNT: 00052

... printed documentation; spreadsheets converted by word for word lose formulas, macros, and graphics; few compatible **word** processors for DocuComp; Viewer is only for **windows**; one free support call.

COMPANY: Adobe Systems (415/961-4400, http://www.adobe.com).

LIST...

...main component is word for word, a file-conversion utility. While rich in DOS and **Windows** support, **Word for Word** doesn't support several current Mac word processors. Also, converted spreadsheets do not include formulas...

...onto a Document Converter icon. You can dedicate different icons to different file conversions.

Under **Windows**, **Word for Word** has notable **enhancements**, including context-sensitive help, the ability to filter the file list, and a direct link...

...programs do not offer appropriate import and export options.

DocuComp compares different versions of a **document**, showing all additions, deletions, and **moves**. On the Mac, only WordPerfect 2 and 3, Microsoft Word 4 and 5, and text files are supported.

After choosing two files to compare, DocuComp **displays** them both. You can show **text** that has been added, deleted, or moved in different colors or font styles. As you review the differences, the **document** windows **scroll** in sync. You can print or save a composite document that shows the differences, as...

**13/3,K/16 (Item 16 from file: 275)**  
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01921671 SUPPLIER NUMBER: 18176566 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Milktruck delivers fresh browsing tools. (Milktruck Delivery Web browser)**  
**(Software Review)(Evaluation)**

Pastrick, Greg

Windows Sources, v4, n5, p92(1)

May, 1996

DOCUMENT TYPE: Evaluation ISSN: 1065-9641

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 636 LINE COUNT: 00055

... or starting an offline reading session. The interface can be awkward; often you have to **scroll** down several **pages** to get to the features you need. But at press time, the company was planning...

...should deliver, enter the extensions of the graphics you want it to handle, and set **size** limits on the amount of **content** to download.

Once configured, your package--the delivery site you want to read--takes its...

...took us just a few minutes to set up a delivery package for downloading the **contents** of **Windows Sources'** online columns **section**. We especially liked **reading** these **pages** offline without the downloading delays of our 28.8-Kbps SLIP Internet connection.

Milktruck's...

**13/3,K/18 (Item 18 from file: 275)**  
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01837912 SUPPLIER NUMBER: 17454615 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Word Pro 96 transforms Windows word processing. (Lotus)(First Looks)**  
**(Software Review)(Evaluation)**

Mendelson, Edward

PC Magazine, v14, n17, p44(1)

Oct 10, 1995

DOCUMENT TYPE: Evaluation ISSN: 0888-8507

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 876 LINE COUNT: 00073

... the editor) limit each author's ability to export the file or modify its stylesheet.  
**Word** Pro displays each author's changes with a characteristic color. At the end of the...

...dialog boxes appear at the top of the window so they don't obscure the **text**, and you can easily switch between **text** and dialog **box**. The spell-checker can display misspelled **words** as you type, or display all misspelled words at one time.

Word Pro can display...  
...the screen into a full-size view of the current page, thumbnail images of multiple **pages**, and an outline view of the whole **document**. **Word** Pro also lets you divide a file into tabbed sections and collapsible subsections, each with...

...OLE objects, such as complete embedded or linked documents.  
By dragging a tab you can **move** sections within a **document** or from one document to another, and a right-click menu on any tab lets...

...tabbed dividers let you organize "master documents" in which some or all of the separate **sections** are linked external files.

**Word** Pro improves on Ami Pro's pioneering one-stop formatting dialog box by using a...

...on-screen in either full or collapsed form. Changes that you specify in the dialog **box** appear instantly in your **text**. **Word** Pro eliminates Ami Pro's irritating requirement that you create a new named style when...

...smart quotation marks, and a format-check feature converts two hyphens to an em dash, **expands** abbreviations, and corrects common misspellings. Unlike **word** and WordPerfect, which require add-ons to create HTML documents for the Internet, Word Pro...

13/3,K/23 (Item 23 from file: 275)  
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01621997 SUPPLIER NUMBER: 14475072 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Digital free press. (Baudouin Raoult's Print2Pict, Mark Wall's DOCMaker, Mark Clark's and Karl Cards' Belgian PostCards on-line publishing programs) (includes related articles on PostScript formats and on-line publishing guidelines) (Software Review) (Evaluation)**

Wasson, Gregory  
MacUser, v9, n12, p157(5)  
Dec, 1993

DOCUMENT TYPE: Evaluation ISSN: 0884-0997 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2597 LINE COUNT: 00198

... available on Ziff-Net/Mac as BBLITE.SEA, in Library 1 (Applications).

#### Setext and Easy **View**

The problem with **text**-only files, of course, is that they're boring. **Readers** must **scroll** around the entire **document** to find sections of interest. And there's no way to jump back to a particular **section** later. But a variant of **text**-only, called setext (structure- **enhanced text**), can turn regular **text**-only files into something more sophisticated.

Setext files are ordinary text-only files users can...  
...add to the text) that become important if the files are opened in a setext **viewer** instead. In a regular **word** processor, a setext file looks like any other text file. The tags usually appear as...



**13/3,K/27 (Item 27 from file: 275)**  
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01591238 SUPPLIER NUMBER: 13703567 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Spiral. (Techworks' file management software package) (Software Review)**  
**(New on the Menu: Quick Clicks)(Brief Article) (Evaluation)**  
Aker, Sharon Zardetto  
MacUser, v9, n5, p87(1)  
May, 1993  
DOCUMENT TYPE: Evaluation ISSN: 0884-0997 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 446 LINE COUNT: 00033

... sections with tables of contents you can click on to navigate; tabs sticking out from **pages display** section names. To list something in a table of contents, you just select it in the **text** and use the Add to **Section Contents** command.

Entering information is somewhat impeded, because you can work with only a single page...

...bar -- the overall notebook, its sections and their relative sizes, and the positions of marked **pages**. The palette lets you **move** quickly from place to place with a few clicks, but the controls would be more comfortable if they were worked into the main notebook **window**.

Spiral's wealth of options includes full **text** formatting, a simple calculation function, a good Find command, a PowerBook battery-charge readout, and the ability to paste graphics onto a page. There's even an abbreviation option that **expands** shorthand typing into full **words** or phrases.

In most cases, Spiral supplies unique options that are better for after-the...

**13/3,K/29 (Item 29 from file: 275)**  
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01583538 SUPPLIER NUMBER: 13322483 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**FrameReader: the key to the paperless library? (Frame Technology Corp.'s**  
**FrameReader for Windows) (Software Review) (First Looks) (Evaluation)**  
Karney, James  
PC Magazine, v12, n3, p46(1)  
Feb 9, 1993  
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 400 LINE COUNT: 00031

...ABSTRACT: Large files can be somewhat difficult to load, but overall performance is good. FrameReader can **enlarge text** up to 1,600 time and **moves** easily between **pages** via menu commands or easily created hypertext links

**13/3,K/33 (Item 33 from file: 275)**  
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01528641 SUPPLIER NUMBER: 12509549 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**CA-Textor: a solid windows word processor at a modest price. (Computer**  
**Associates International Inc.) (Software Review) (Product Reviews)**  
**(Evaluation)**  
Brenesal, Barry  
PC Sources, v3, n8, p399(1)  
August, 1992

DOCUMENT TYPE: Evaluation ISSN: 1052-6579 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 685 LINE COUNT: 00052

... own secondary button bar offering 34 tools. These tools help you design grids of any **size** and complexity, adding **text**, color, and varying line weights. Tables can be saved separately from text files, which makes...

...equally well implemented. Simple, intuitive key combinations turn lines of text into outline headings, or **shift** between **document** mode and outline mode. It's easy to move headings between levels, and to hide...

...amenities that add up to a significant advantage. Take style sheets, for example. While several **windows**-based **word** processors define and save document and paragraph formats, CA-Textor provides the same option for...

...to 200 percent. If you position the cursor over a reduced page, it becomes a **magnifying glass**, and the **text** underneath it is displayed in full **size** on the top third of the screen. Curiously, though, there's no zoom control outside...

...significantly by disabling image display from the file/setup menu; this leaves you with outlined **boxes** on-screen in place of graphics. CA-Textor also offers to load color images in black and white--a good second-best, especially if you import 256-color pictures.

CA-Textor could stand improvement in a couple of **areas**. Its image handling is rudimentary: You can import pictures in many file formats and alter their size, but the results can't be **moved** from the left **page** margin. And while CA-Textor supports picture captions and borders, it doesn't allow flow...

13/3,K/35 (Item 35 from file: 275)  
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01512249 SUPPLIER NUMBER: 12203087 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
PC-Write Standard Level. (QuickSoft Inc.'s PC-Write Standard Level 2.0)  
(Software Review) (one of nine Microsoft DOS-based word processing software evaluations) (Evaluation)

Brown, Bruce  
PC Magazine, v11, n10, p195(2)  
May 26, 1992

DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 871 LINE COUNT: 00068

... get WYSIWYG font display, but the lack of on-screen precision pays off in quicker **document** loading. You can't **scroll** or print **documents** particularly quickly, however; the program is by no means a speed demon. The package comes...

...version of PC-Write also has a thesaurus that provides definitions and synonyms. A quick **text**-analysis feature reports on file **size** as well as **character** and **word** counts.

THE BASICS  
Standard editing tasks such as navigating through documents, changing text, and marking...

...PC-Write supports over 800 printers, including PostScript models. The program's print preview mode **displays** the **page** contents as gray blocks, not readable text.

The software lacks advanced features like collapsible outlines...

**13/3,K/36 (Item 36 from file: 275)**  
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01510224 SUPPLIER NUMBER: 12069722 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**PagePlus 1.2. (Serif's desktop publishing software) (one of six evaluations of desktop publishing software packages in 'Easy Desktop Publishing For Nondesigners.') (Software Review) (Evaluation)**  
Richards, Kathleen; Lake, Matthew  
PC-Computing, v5, n5, p360(2)  
May, 1992  
DOCUMENT TYPE: Evaluation ISSN: 0899-1847 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 959 LINE COUNT: 00073

... interface. A floating toolbox identifies tools as you click on them. Though there are five **page views** and a Zoom tool, we missed automatic **scrolling** -especially in the Actual **page view** -when we needed to **move** off the screen to continue a line or highlight more text. Getting text on the...

...have to format from scratch once it's in your document. Formatting options include a **Text Properties Panel** and Paragraph formatting; the **Properties Panel** lets you highlight **text** (a paragraph at a time) and view point **size**, typeface, letter-spacing, and **text** -width options. No other products in our group have this outstanding feature. PagePlus takes advantage...

**13/3,K/37 (Item 37 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01499571 SUPPLIER NUMBER: 11901019 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Microsoft Publisher lacks power, but it points to future automation. (includes an overview of Microsoft Publisher and an article describing its use in producing this article)**  
Gertler, David  
Seybold Report on Desktop Publishing, v6, n6, p3(6)  
Feb 3, 1992  
ISSN: 0889-9762 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 3948 LINE COUNT: 00306

... or backward a page at a time, click to the start or end of a **document**, or pick a page to display. Windows **scroll** bars take you around the **page**.

Pages can be viewed at any of eight zoom levels. No surprise there--except that only one of those zoom levels, a 200% **view**, shows the **page** at greater than actual **size**. At actual **size**, body **text** can be hard to **read**; at 200%, only a small portion of the page is visible. At least one in-between zoom mode is sorely needed. A facing **pages view** and a multipage thumbnail **view** would also be helpful.

**Moving** around in a multipage **document** takes much longer than it should because Publisher usually repaints the page you are leaving...  
...leadins and other special formats for this article, we had to select each piece of **text**, pull down menus to reach dialog **boxes** so we could apply the proper indents, choose font, size and style from the toolbar...

**13/3,K/39 (Item 39 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01498981 SUPPLIER NUMBER: 11938691 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Clariss Corp.: Clariss Hollywood. (Software Review) (one of 10 evaluations of presentation software packages in 'To Inform and Convince: Ten Presentation Graphics Programs') (Evaluation)**

Murphy, Paul

PC Magazine, v11, n5, p183(2)

March 17, 1992

DOCUMENT TYPE: Evaluation ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1225 LINE COUNT: 00092

... t add new pages in the Outliner; instead, you must create them in the chart **view** then add **text** manually or import it from an ASCII file. If you haven't previously created **pages** for each **slide** in the chart view, beware: Hollywood will dump all of your imported text on one page. You'll have to return to chart **view**, create new **pages**, then go back to the Outliner and insert the page break icons in the appropriate...

...text placed on word charts is 18 to 24 points or larger, and the Outliner **displays** all **text** at its actual **size**; when combined with **text** wrapping, only a very small amount of text can be viewed at once. Moreover, since...

**13/3,K/40 (Item 40 from file: 275)**

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01464246 SUPPLIER NUMBER: 11636280 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**XPress gets productivity boost in 3.1. (Quark Inc.'s Quark XPress 3.1)**

**(Product Announcement)**

Said, Carolyn

MacWEEK, v5, n43, p16(1)

Dec 17, 1991

DOCUMENT TYPE: Product Announcement ISSN: 0892-8118

LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 395 LINE COUNT: 00031

... screen draw, default TIFF resolution and gray-scale display.  
>"Live" changes. XPress users now can **view** the **contents** of a **text** or graphics **box** as they drag or rotate it, view a picture as they resize or crop it, and choose "live **scroll**" to update a **document view** as they drag **scroll boxes**.  
XPress 3.1 also adds **enhancements** in **word** processing, typography, printing and document construction.  
The price of XPress will jump \$100, to \$895...

**13/3,K/42 (Item 42 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01428693 SUPPLIER NUMBER: 10613143 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Pagedit for interactive page makeup. (Miles 33's Oasys phototypesetting system)**

Seybold Report on Publishing Systems, v20, n13, p20(5)

March 25, 1991

ISSN: 0736-7260

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 4219 LINE COUNT: 00309

... standard markup commands in a file.  
Any of these areas can be picked up and **moved** or resized visually. If multiple **pages** are **displayed**, areas can be dragged from one page to another interactively.  
whoops! Unfortunately, when one area (such as a box for a photo) is created on top of another **area** (such as a **text** column), there is no way

to cause one area to repel the other one. So, for example, if there is a **text** column under a photo **box**, the **text** will appear with the photo--which may occasionally be desirable, but usually isn't. The way to avoid this situation is to move the **text box**'s borders to make room for the photo. Then, if a change is later made...

...such as to resize the photo--that change will require a corresponding change in the **size** of the **text area** underneath.

In conjunction with accommodating that requirement, it would be nice if Miles would go...

...to the h&j program the geometry required to compute the indent.

Adding, deleting or **moving pages**. **Pages** can be deleted easily by command, which obliterates them from the directory. Inserting and moving ...

**13/3,K/45 (Item 45 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01376763 SUPPLIER NUMBER: 09485351 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**CDP 9000/TopScan and Parallel Reader: a pair of high-end OCR packages teach the Mac to speed-read. (Calera Recognition Systems Inc.'s and Caere Corp.'s optical character recognition systems) (Software Review) (evaluation)**

Wasson, Gregory  
MacUser, v6, n11, p72(3)  
Nov, 1990

DOCUMENT TYPE: evaluation ISSN: 0884-0997 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1690 LINE COUNT: 00125

... saved in and create style sheets of your settings for future use. You can also **scan** and save **text** and graphics simultaneously by selecting zones or **areas** of the page in a preview mode and specifying whether the **zone** is **text**, image, or both. You can save all of these as separate documents.

You can create templates of the areas of the **page** that are to be **scanned** and spell-checked, and you can even tell TopScan to flag suspect words or characters...

...misplaced (a drop cap, for example), so that you can easily locate them in a **word** processor. All recognized **text** retains its point **size** and style, given the appropriate settings.

With the CDP/9000, it's also possible to...

...you've accidentally put a sheet in upside down, for example - TopScan abandons the troublesome **page** and **moves** on to recognizing the rest of the scans.

Calera had its act together when it...

**13/3,K/46 (Item 46 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01372119 SUPPLIER NUMBER: 08815970 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The hidden persuasion. (tips on improving Aldus' Persuasion's productivity)**

Polash, Peter  
MacUser, v6, n10, p192(4)  
Oct, 1990

ISSN: 0884-0997 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2921 LINE COUNT: 00218

... copy), modify it to fit your needs, and resave it.

Here are some possibilities for **enhancing** AutoTemplates. Setup level-specific **text** styles for the Outline **view** (you can always override the styles for individual characters and topics). Define drawing-tool defaults...

...co or schemes. Save a collection of drawing objects or clip art on an unused **slide**, a notes **page**, a handout master, or the gray **area** of any slide (in other **words**, anyplace they won't print).

5 Best-Kept Secrets

1. You can create an entire...

**13/3,K/48 (Item 48 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01355895 SUPPLIER NUMBER: 08380130 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Managing Adobe Type Manager. (Solutions) (tutorial)**  
Parascandolo, Salvatore  
MacUser, v6, n6, p216(4)  
June, 1990  
DOCUMENT TYPE: tutorial ISSN: 0884-0997 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1279 LINE COUNT: 00095

... to give it more working space. When ATM creates screen fonts, it temporarily stores the **characters** in a reserved **area** of RAM called the Font Cache. When the cache overflows, the currently undisplayed characters are deleted and replaced by newly built ones. When you **scroll** to a part of your **document** that contains deleted cached fonts. ATM patiently rebuilds them. This purge/rebuild cycle always takes...

...page-layout or drawing program, ATM will create new font sizes to give you smoothly **magnified** or reduced **characters** in each **view**.

To give your system back its old zip, use the Control Panel DA to access...

**13/3,K/52 (Item 52 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01240138 SUPPLIER NUMBER: 06266756 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Text-magnification tool opens PC productivity to visually impaired users. (product announcement)**  
Bridges, Linda  
PC Week, v5, n10, p13(2)  
March 8, 1988  
DOCUMENT TYPE: product announcement ISSN: 0740-1604 LANGUAGE:  
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 611 LINE COUNT: 00045

ABSTRACT: A new computer program designed by M. Daniel Simkovitz, who is visually impaired, **enlarges** the **text characters** from most IBM PC **word** processors to various **magnifications** to help visually impaired users to read PC screen displays. Large Print DOS (LP-DOS...

...of the screen allows data entry with large-text fonts. LP-DOS features include: full- **page views** that can be **moved** around, combined with a **fixed** cursor to mark the user's place; arrow keys to **move** around in the **document**; ability to **scan** a **page** on a **word**-by-word basis; and a tag command to identify a **window** or location within a page of **text** without searching through a series of screens.

13/3,K/55 (Item 55 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01161151 SUPPLIER NUMBER: 04470723  
**Broderbund adds WP-enhancement pack. (word processing) (product announcement)**

Whitney, Allison  
Computer Reseller News, n177, p110(1)  
Nov 3, 1986

DOCUMENT TYPE: product announcement ISSN: 0893-8377 LANGUAGE:  
ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: ForComment is an **enhancement** package for business **word** processing programs from Broderbund Software Inc., which supports up to 15 people in the review and revision **cycle** of **document** preparation, and the program is available in a single-author version for \$195 for a network version supporting 16 authors for \$995. With ForComment, a **document** can be **read** in from other **word** processors, in the local **area** network version comments and revisions can be made by multiple reviewers at the same time, and all comments or revisions are collected without affecting the original **document**. The original **text** is **display** in a **window** at the top of the screen along with an area at the bottom for comments...

13/3,K/66 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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10775468 SUPPLIER NUMBER: 53657081 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Through the Looking Glass: The whole Document, Images, and All.**

Berinstein, Paula  
Searcher, 7, 1, 38(1)  
Jan, 1999

ISSN: 1070-4795 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 8656 LINE COUNT: 00723

... that viewing, some more tips:  
Legibility. If the entire page fits on your screen (Actual **Size**), the **text** may be too small to read. To **enlarge** the **text**, click on the **magnifying** glass icon, then on the section of **text** you want to read. You may also use Zoom To on your browser's View menu. Then you can either scroll or use Reader's hand icon to **move** the **page** around in the window. (If you own a gigantic monitor, you may not face this...

...menu:

- \* Single Page. Displays a page at a time. You have to use the Next **Page** icon to **scroll**.
- \* Continuous Layout. Displays **pages** in a continuous vertical column. You can use Page Up and **Page** Down on your keyboard to **scroll**, eliminating the need for the mouse.
- \* Continuous - Facing Pages. Displays each pair of facing pages side by side in two vertical columns. You can use Page Up and **Page** Down on your keyboard to **scroll**. **Pages** appear small so they can be taken in at a glance, but type is small...

13/3,K/75 (Item 10 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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07521030 SUPPLIER NUMBER: 16231692 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Harvard Graphics for windows. (Software Publishing Corp) (one of four evaluations in "Presentation Graphics") (Software Review) (Evaluation)**  
Fridlund, Alan J.

Infoworld, v16, n36, p66(5)

Sept 5, 1994

DOCUMENT TYPE: Evaluation ISSN: 0199-6649

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2637 LINE COUNT: 00198

... links between the current slide and its template are tight. For example, we accessed the **page** layout for a title **slide** using the Slide Templates option. A second click on the Edit option took us to the title **slide page** layout, which contained the placeholder text that dictated the look of all our title slides...

...text, we simply selected it, clicked our right mouse button, and chose the desired typeface, **size**, style, and color via the **Text** Attributes dialog **box**. We could have also chosen to exclude certain master template attributes from our slide. We...

**13/3,K/79** (Item 14 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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06204794 SUPPLIER NUMBER: 13575088 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Type special effects program. (TypeStyler) (Evaluation)**

Skinner, Robert

Library Software Review, v11, n5, p73(3)

Sept-Oct, 1992

DOCUMENT TYPE: Evaluation

ISSN: 0742-5759

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2340 LINE COUNT: 00182

... selects that option. Three tools will be familiar from other programs: a Hand Tool for **moving** the entire **document** around the window, a **Magnify** Tool for zooming in and out, a **Text** Tool, and a tool for freely rotating text or graphics. Somewhat less obvious until you...

...is not intuitive is the Painter Tool that temporarily displays the final version of your **document** if you have chosen a quicker method of redrawing the screen. It would probably have...

...The two tools on the palette that are used to create a document are the **Text** and **panel** Tools. You can either use the default font **size** of 72 point by clicking the **Text** Tool in the **window**, or alternatively, create a **text** block by dragging to the desired **size**. In either case, the **text** attributes dialog **box** will open. This dialog contains an area for entering text (you cannot type text directly...

**13/3,K/80** (Item 15 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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06108128 SUPPLIER NUMBER: 12540571 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**GUI word processors. (graphical user interface) (Buyers Guide)**

Burgard, Michael J.

Government Computer News, v11, n17, p71(5)

August 17, 1992

DOCUMENT TYPE: Buyers Guide

ISSN: 0738-4300

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2990 LINE COUNT: 00232

... into the document. All desktop publishing programs can import a wide variety of graphics and **display** them in the **document**.

You can flow text around the graphics or rearrange it on the page. Many programs such as **word** for **windows** and FrameMaker include a set of



drawing tools for you to create your own graphics...

...a package with all the import formats you need, a simple way to create and **move** graphics in the **document**.

Perhaps the largest remaining reason to use a page layout program is its typography features...

...650 points in 0.1 increments, a much higher level of detail than the typical **word** processor. You also can rotate, **expand** and create special **text** effects easily in a desktop publishing program.

Although higher-end programs such as PageMaker and...

**13/3,K/82 (Item 17 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05539482 SUPPLIER NUMBER: 11325374 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Mac OCR programs speed text scanning. (Optical Character Recognition)**  
**(evaluation)**

Cillo, Joe

Computer Pictures, v9, n5, p19(3)

August-Sept, 1991

DOCUMENT TYPE: evaluation ISSN: 0883-5683 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1073 LINE COUNT: 00088

... words and characters with color); and Microsoft Mail integration.

WordScan Plus adds Pop-Up Verifier-- **displays** enlarged original image of questionable **words / characters**; Multi- **Zone** Templates--users can choose 100 **text** /image **regions** per page;

AutoClipping--automatically finds and clips images and saves them as PICT or TIFF...

...larger, faster systems.

TYPIST

CAERE CORP.

A different OCR approach is Typist, a hand-held **scanner** used to **scan text** directly into a **word** -processing or **text** -handling program. Simply **move** the **scanner** slowly across the **document**, and the text appears in an open, selected application. Since Typist is accessed through a...

File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)

(c) 2006 JPO & JAPIO

File 350:Derwent WPIX 1963-2006/UD,UM &UP=200642

(c) 2006 The Thomson Corp.

Set	Items	Description
S1	97447	(READ??? OR READABILITY OR VIEW??? OR DISPLAY??? OR PRESEN- T??? OR PRESENTATION)(5N)(TEXT OR TEXTUAL OR WORD? ? OR SENTEN- CE? ? OR DOCUMENT? ? OR PAGE? ? OR WEBPAGE? ? OR BOOK? ? OR - EBOOK? ? OR NEWSPAPER? ? OR ARTICLE? ?)
S2	26205	(MOV??? OR MOVEMENT OR CYCL??? OR CIRCL??? OR ENCIRCL??? OR ROTAT???? OR REVOLV??? OR REVOLUTION? ? OR SHIFT??? OR SLID?- ??)(5N)(PAGE? ? OR WEBPAGE? ? OR DOCUMENT? ? OR BOOK OR EBOOK? ? OR NEWSPAPER? ? OR ARTICLE? ?)
S3	20394	(MAGNIF? OR ENLARG? OR ENHANC? OR EXPAND??? OR EXPANSION OR AUGMENT??? OR SIZE)(7N)(TEXT??? OR WORD? ? OR SENTENCE? ? OR CONTENT? ?)
S4	60174	(WINDOW? ? OR GLASS?? OR BOX?? OR PANE??? OR REGION? ? OR - SECTION? ? OR SQUARE? ? OR AREA? ? OR ZONE)(7N)(TEXT??? OR WO- RD? ? OR SENTENCE? ? OR CONTENT? ?)
S5	15409	SCAN?(5N)(TEXT OR TEXTUAL OR WORD? ? OR SENTENCE? ? OR DOC- UMENT? ? OR PAGE? ? OR WEBPAGE? ? OR BOOK? ? OR EBOOK? ? OR N- EWSPAPER? ? OR ARTICLE? ?)
S6	2	(S1 OR S5) AND S2 AND S3 AND S4
S7	4694	(S1 OR S5) AND S2
S8	69	S7 AND S3:S4
S9	158009	(MAGNIF? OR ENLARG? OR ENHANC? OR EXPAND??? OR EXPANSION OR AUGMENT??? OR SIZE)(7N)(WINDOW? ? OR GLASS?? OR BOX?? OR PAN- E??? OR REGION? ? OR SECTION? ? OR SQUARE? ? OR AREA? ? OR ZO- NE)
S10	66	S7 AND S9
S11	129	S6 OR S8 OR S10
S12	21	S11 AND AC=US/PR AND AY=(1963:2000)/PR
S13	41	S11 AND AC=US AND AY=1963:2000
S14	41	S11 AND AC=US AND AY=(1963:2000)/PR
S15	89	S11 AND PY=1963:2000
S16	96	S12:S15
S17	512	SCROLL??? (5N)(PAGE? ? OR WEBPAGE? ? OR DOCUMENT? ? OR BOOK OR EBOOK? ? OR NEWSPAPER? ? OR ARTICLE? ?)
S18	335	(S1 OR S5) AND S17
S19	42	S18 AND (S3:S4 OR S9)
S20	96	S16
S21	36	S19 NOT S20
S22	7	S21 AND AC=US/PR AND AY=(1963:2000)/PR
S23	7	S21 AND AC=US AND AY=1963:2000
S24	7	S21 AND AC=US AND AY=(1963:2000)/PR
S25	10	S21 AND PY=1963:2000
S26	13	S22:S25
S27	158213	(READ??? OR READABILITY OR VIEW??? OR DISPLAY??? OR PRESEN- T??? OR PRESENTATION OR SCAN?)(5N)(TEXT OR TEXTUAL OR WORD? ? OR SENTENCE? ? OR DOCUMENT? ? OR PAGE? ? OR WEBPAGE? ? OR BOO- K? ? OR EBOOK? ? OR NEWSPAPER? ? OR ARTICLE? ? OR CHARACTER? - ?)
S28	31292	(MAGNIF? OR ENLARG? OR ENHANC? OR EXPAND??? OR EXPANSION OR AUGMENT??? OR SIZE)(7N)(TEXT??? OR WORD? ? OR SENTENCE? ? OR CONTENT? ? OR CHARACTER? ? OR STRING? ?)
S29	85926	(WINDOW? ? OR GLASS?? OR BOX?? OR PANE??? OR REGION? ? OR - SECTION? ? OR SQUARE? ? OR AREA? ? OR ZONE)(7N)(TEXT??? OR WO- RD? ? OR SENTENCE? ? OR CONTENT? ? OR CHARACTER? ? OR STRING? ?)
S30	227	(S1 OR S5 OR S27) AND (S2 OR S17) AND (S3:S4 OR S9 OR S28:- S29)
S31	65	S30 NOT (S11 OR S19)
S32	4	S31 AND AC=US/PR AND AY=(1970:2000)/PR
S33	7	S31 AND AC=US AND AY=1970:2000

S34	7	S31 AND AC=US AND AY=(1970:2000)/PR
S35	51	S31 AND PY=1963:2000
S36	53	S32:S35

20/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06097909 \*\*Image available\*\*  
DIRECTION CORRECTING METHOD FOR DOCUMENT VIDEO

PUB. NO.: 11-039428 [JP 11039428 A]  
PUBLISHED: February 12, 1999 ( 19990212)  
INVENTOR(s): TEI SEIYU  
APPLICANT(s): SAMSUNG ELECTRON CO LTD  
APPL. NO.: 10-070615 [JP 9870615]  
FILED: March 19, 1998 (19980319)  
PRIORITY: 9732913 [KR 32913], KR (Korea) Republic of, July 15, 1997  
(19970715)  
INTL CLASS: G06K-009/32

#### ABSTRACT

PROBLEM TO BE SOLVED: To automatically correct a video document in a wrong direction by detecting a certain part of a character area in document video, determining the inclination of the document according to the recognition reliability of the certain part, and **rotating the document** by the determined inclination and performing character recognition.  
SOLUTION: A scanner part 110 **reads** the whole image of the **document** video and stores the **read document** video in a 1st memory part 120. The whole image of the **document** video is **read** out of the 1st memory part 120 by a document structure analysis part 124, a **text** area and a non-**text** **area** are analyzed from the **read** image, and a **document** angle recognition part 130 detects a certain **text** part in the **text** **area** or character **area** . According to the recognition reliability of the certain part, the inclination of the **document** is determined, the **document** is **rotated** by the determined inclination, and characters are recognized and stored in a 2nd memory part 140. Consequently, even a visually handicapped person who is unable to recognize the document video can correctly recognize the characters.

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20/5/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05828674 \*\*Image available\*\*  
HYPER MEDIA **BOOK** **DISPLAY** DEVICE

PUB. NO.: 10-111774 [JP 10111774 A]  
PUBLISHED: April 28, 1998 ( 19980428)  
INVENTOR(s): UENO KAORI  
SUZUKI TAKEYA  
OZAWA HIDEAKI  
HAMADA HIROSHI  
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-264567 [JP 96264567]  
FILED: October 04, 1996 (19961004)  
INTL CLASS: [6] G06F-003/14; G06F-012/00; G06F-017/30  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4 (INFORMATION PROCESSING -- Computer Applications)

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a hyper media **book display** device preserving multimedia information constituted by a hyper link as book

information in the referring order of a user.

SOLUTION: The user inputs the request of the **shift** of information from **book** information **displayed** on a **display** part 11 by using a mouse and the like. A selected information storage part 13 investigates a place from which information of a shift destination is taken out from the list of the accumulation places of information on shift destinations in accordance with the request of shift, takes out content information on the shift destinations from the display part 11 and inputs content information to an input part 14. A data display **area** calculation part 15 calculates the **size** of an **area** required for displaying data of a character string and a picture for arranging a text in information and data of the picture in the **display** area of **book** information. A **book** information synthesis part 17 **reads** frame information of a **book** from a book frame form storage part 16, arranges content information in frame information of the **book** and **displays** content information on the shift destination on the display part 11.

20/5/6 (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05616414 \*\*Image available\*\*  
DOCUMENT PROCESSING METHOD AND DEVICE

PUB. NO.: 09-231214 [JP 9231214 A]  
PUBLISHED: September 05, 1997 ( 19970905)  
INVENTOR(s): ISOBE TOSHIYA  
APPLICANT(s): FUJI XEROX CO LTD [359761] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-032437 [JP 9632437]  
FILED: February 20, 1996 (19960220)  
INTL CLASS: [6] G06F-017/24; G06F-017/21  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD:R139 (INFORMATION PROCESSING -- Word Processors)

#### ABSTRACT

PROBLEM TO BE SOLVED: To easily edit such a document that includes pages of different printing plate sizes by arranging the information on **document** contents with no **rotation** and also arranging the specific information with **rotation** in response to the **page rotation** information.

SOLUTION: The document data 31 and the style data 32 are **read** out of a **document** storage part 30, and the editing processing is carried out against the corresponding editing request. Then a document layout part 40 refers to the data 32 to calculate a printing plate size in consideration of the **page rotation** and to carry out the layout processing to arrange the printing plate **area** including the document **contents**, the page headers, the page numbers, etc. A character layout part 50 decides the **display** positions of the **page** headers and numbers in consideration of the **page rotation**, sets the character **rotation** directions of paragraphs in consideration of the **page rotation**, and performs the character layout processing in both printing plate and page header/number areas. Then a **document display** part 60 stores the **document** in the part 30.

20/5/7 (Item 7 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05458587 \*\*Image available\*\*  
IMAGE DATA DISPLAY DEVICE

PUB. NO.: 09-073387 [JP 9073387 A]  
PUBLISHED: March 18, 1997 ( 19970318)  
INVENTOR(s): TEZUKA FUMIKICHI  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 07-225380 [JP 95225380]  
FILED: September 01, 1995 (19950901)  
INTL CLASS: [6] G06F-003/14; G06K-009/20  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units)  
JAPIO KEYWORD: R108 (INFORMATION PROCESSING -- Speech Recognition &  
Synthesis)

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an image data display device on which continuously enlarged image data can be read by automatically moving an object **area** of an **enlargement window** along a document written in an image document.

SOLUTION: The image **document display** device having a window wherein part of an image **document** can be enlarged and **displayed** enables the **document** to be **read** continuously by automatically moving the object **area** of the **enlargement window** along the document written in the image document by an image data storage device 15 for storing the whole image data and a character segmenting device 18 which can cut character strings of respective lines. At this time, the movement and display are performed while a character string which is currently enlarged and displayed by a character recognition device 19 which recognizes characters from the cut image data and a speech synthesizing device 20 which generates character strings from character string data. The end of the **document** in a **display page** is detected and when there is a following **page**, the **enlargement window** is automatically **moved** to the next **page**.

20/5/8 (Item 8 from file: 347)

DIALOG(R)File 347:JAPIO

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05229903 \*\*Image available\*\*

LAYOUT/ **DISPLAY** METHOD FOR STRUCTURED **DOCUMENT** AND **DOCUMENT** PROCESSING SYSTEM

PUB. NO.: 08-185403 [JP 8185403 A]  
PUBLISHED: July 16, 1996 ( 19960716)  
INVENTOR(s): KAGIMASA HIDEKO  
TONO JUNICHI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 06-338628 [JP 94338628]  
FILED: December 29, 1994 (19941229)  
INTL CLASS: [6] G06F-017/24  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &  
Microprocessors)

#### ABSTRACT

PURPOSE: To laterally arrange a laterally long drawing or table when allocating it onto a **page** by instructing the **rotation** and arrangement of parts in the case of referring to the parts in the sentence of a structured document.

CONSTITUTION: The **size** and position of an allocation enable **area** 903 of parts are read and it is decided whether the rotate attribute of parts is 'YOKO' or not. When the decided result is 'YES', an allocating direction, in a parts frame is set to 90 deg. in counter-clock-wise direction, and the size and position of a parts frame 906 are decided from the sizes of a title block 904 and a block 905 for the main body of parts. In the case of

visualizing processing, the size and position of a visible frame 1201 for displaying parts in normal direction are decided from the size and position of the parts frame 906. At the time of printing processing, rotated characters can be arranged at a block 1202 for a parts title inside the parts frame 1201 and a rotated parts name can be arranged at a block 1203 for the main body of parts.

**20/5/11 (Item 11 from file: 347)**

DIALOG(R)File 347:JAPIO

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04927137 \*\*Image available\*\*

WINDOW DISPLAY CONTROLLER

PUB. NO.: 07-219737 [JP 7219737 A]  
PUBLISHED: August 18, 1995 ( **19950818**)  
INVENTOR(s): MAEDA HIROMOTO  
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 06-011537 [JP 9411537]  
FILED: February 03, 1994 (19940203)  
INTL CLASS: [6] G06F-003/14  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units)  
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors); R139 (INFORMATION PROCESSING -- Word Processors)

ABSTRACT

PURPOSE: To provide a window display controller which automatically executes layout.

CONSTITUTION: RAM 3 storing **window** information such as the positions and the **size** of a home **window** 8 and a **document** sheet 9 which are **displayed** on a display screen 10, the pointing device 5 of a mouse and the like, by which a user indicates the operation of the size change/ **shift** of the **document** sheet 9 during editing and CPU 2 detecting an area where the home window 8 and the **document** sheet 9 are not **displayed** on the display screen 10 and shifting the home window 8 to the position where the hidden part of the home window 8, which is not operated, becomes small based on the detected result are provided.

**20/5/12 (Item 12 from file: 347)**

DIALOG(R)File 347:JAPIO

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04876235 \*\*Image available\*\*

DOCUMENT PROCESSING SYSTEM

PUB. NO.: 07-168835 [JP 7168835 A]  
PUBLISHED: July 04, 1995 ( **19950704**)  
INVENTOR(s): SASA MASAOKI  
APPLICANT(s): SHARP CORP [000504] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 05-316122 [JP 93316122]  
FILED: December 16, 1993 (19931216)  
INTL CLASS: [6] G06F-017/24  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors); R139 (INFORMATION PROCESSING -- Word Processors)

ABSTRACT

PURPOSE: To efficiently generate a document arrangement area by providing a

means which sets an area where a document is not arranged by a coordinate indicating device and a means which arranges the document while avoiding the set area.

CONSTITUTION: In the document, there is an area 32 which is independent of a framed main **text**. The main **text** is arranged in an **area** (blank outside a frame 32) at a certain distance from the frame 32 while avoiding the frame. The area 33 showing the blank outside the frame is **displayed** by using straight lines. The **document** 31 is arranged avoiding the area encircled with the straight lines. When the blank 33 outside the frame is changed, the coordinate indicating device such as a mouse is used to move the mouse cursor to a position to which the blank is changed. At this time, the straight lines 35 specified with the mouse also move and then the original rectangle expands or contracts as the straight lines move. Consequently, the original blank outside the frame is changed into an area encircled with new **moved** straight lines and the **document** is arranged avoiding the new blank outside the frame.

20/5/13 (Item 13 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04646296 \*\*Image available\*\*  
METHOD FOR OUTPUTTING DATA

PUB. NO.: 06-318196 [JP 6318196 A]  
PUBLISHED: November 15, 1994 ( 19941115)  
INVENTOR(s): NAKATANI EISAKU  
YOSHIMITSU TAKAO  
APPLICANT(s): CASIO COMPUT CO LTD [350750] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 05-224986 [JP 93224986]  
FILED: August 19, 1993 (19930819)  
INTL CLASS: [5] G06F-015/20; B41J-021/00; G06F-003/12  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.3 (INFORMATION PROCESSING -- Input Output Units)  
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors); R139 (INFORMATION PROCESSING -- Word Processors)

#### ABSTRACT

PURPOSE: To simply set up a format for a partial area in a page and to output data by the format in accordance with the set contents.

CONSTITUTION: In the case of setting up plural areas on a **page**, a printing head is **moved** on printing paper for one **page** set on a printer 24 and the coordinates of a required area are set by operating a cursor key KA. When format information such as a pitch line pitch is also set at the time of setting up the area, the coordinates of the set area and the format information are respectively stored in a coordinate memory 14 in classification of each **area**. In the case of printing out the **contents** of a data memory 15 storing document data in classification of each area by the printer 24, area information corresponding to respective areas of the document data and the format information are **read** out and respective **document** data are outputted to respective corresponding output areas by respective corresponding formats.

20/5/15 (Item 15 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04481531 \*\*Image available\*\*



**DOCUMENT READER AND DOCUMENT SUPPORTING DEVICE**

PUB. NO.: 06-125431 [JP 6125431 A]  
PUBLISHED: May 06, 1994 ( **19940506**)  
INVENTOR(s): SAKATANI KAZUTOMI  
ITO TETSUYA  
APPLICANT(s): MINOLTA CAMERA CO LTD [000607] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 04-297711 [JP 92297711]  
FILED: October 09, 1992 (19921009)  
INTL CLASS: [5] H04N-001/04  
JAPIO CLASS: 44.7 (COMMUNICATION -- Facsimile)  
JAPIO KEYWORD: R098 (ELECTRONIC MATERIALS -- Charge Transfer Elements, CCD & BBD); R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)  
JOURNAL: Section: E, Section No. 1588, Vol. 18, No. 416, Pg. 135, August 04, 1994 (19940804)

**ABSTRACT**

PURPOSE: To reduce the roughness of an enlarged picture obtained by electrical processing of picture data by setting an optical system so that the image of a pixel in a partial area is formed on picture elements of the maximum number of image sensors.

CONSTITUTION: In the optical system, films different in size are illuminated, and transmitted light is picked up on a color CCD 800 and is read. Therefore, the magnification of image formation is changed in accordance with the film size, and it is changed by a conjugate length changing system. That is, positions of second and third mirrors 502 and 503, an image forming lens 520, and a lens back mirror part (a member on which mirrors 504 and 506 are mounted) are changed. When the mode to **read** a partial area of a **document** is set, setting of the optical system is changed in accordance with the **size** of this partial **area**, and the **document** is so **moved** that the partial area is placed in a position to be read of the changed optical system.

**20/5/16 (Item 16 from file: 347)**

DIALOG(R)File 347:JAPIO  
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04391866 \*\*Image available\*\*  
DOCUMENT DATA MANAGEMENT SYSTEM

PUB. NO.: 06-035766 [JP 6035766 A]  
PUBLISHED: February 10, 1994 ( **19940210**)  
INVENTOR(s): NAKAGAITO KENJI  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 04-188324 [JP 92188324]  
FILED: July 15, 1992 (19920715)  
INTL CLASS: [5] G06F-012/00  
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 42.5 (ELECTRONICS -- Equipment)  
JOURNAL: Section: P, Section No. 1739, Vol. 18, No. 261, Pg. 31, May 18, 1994 (19940518)

**ABSTRACT**

PURPOSE: To perform the efficient retrieval processing of document data especially with a high access frequency without simultaneously controlling old document data and new document data increasing successively on a data base table.

CONSTITUTION: The key word of the document data successively revised and registered to a magnetic disk 11 is successively added and registered to a

new document ledger area 15 and also a state flag, 'latest document,' corresponding to the latest registered document and the state flag, 'old document,' corresponding to the preregistered document are added to the key word of the registered document along with a revision flag for indicating how many registered **documents** are **present** before the **document**. The **document** key word with the state flag 'old document' is retrieved by every fixed period to be **moved** and registered to an old **document** ledger **area** 16 and only key **word** data corresponding to the latest registered document are preserved in the new document ledger area 15.

**20/5/17 (Item 17 from file: 347)**  
DIALOG(R)File 347:JAPIO  
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04332928 \*\*Image available\*\*  
CHARACTER READER

PUB. NO.: 05-324628 [JP 5324628 A]  
PUBLISHED: December 07, 1993 ( **19931207**)  
INVENTOR(s): MAEDA NAOKI  
APPLICANT(s): SUMITOMO ELECTRIC IND LTD [000213] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 04-126353 [JP 92126353]  
FILED: May 19, 1992 (19920519)  
INTL CLASS: [5] G06F-015/20; G06F-015/20; G06K-009/00; G06K-009/20;  
G06K-009/20  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.3 (INFORMATION PROCESSING -- Input Output Units)  
JAPIO KEYWORD: R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers); R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)  
JOURNAL: Section: P, Section No. 1709, Vol. 18, No. 153, Pg. 140, March 14, 1994 (19940314)

#### ABSTRACT

PURPOSE: To attain a document confirming and editing operation while grasping the relative position of a **document** by always **displaying** a number added to a rectangular area segmented by a segmenting means in the visible range of a screen.

CONSTITUTION: A character reader is equipped with an image scanner 1, Chinese character OCR unit 2 being a main body which recognizes a character, and personal computer 3 which displays a character string recognized by the Chinese character OCR unit 2 on the screen and operates the conversion, edition, and storage of a **text**. Then, a means which **moves** or enlarges/reduces a **document** picture **displayed** by the **display** means (CRT) 6 is included, and even when the **area** on the screen is moved or **enlarged** /reduced, the number 1-3 of the **area** added by a number display means is always displayed in the visible range of the screen. Therefore, an operator can always know which frame corresponds to which number.

**20/5/19 (Item 19 from file: 347)**  
DIALOG(R)File 347:JAPIO  
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03882458 \*\*Image available\*\*  
METHOD AND DEVICE FOR **DOCUMENT** **DISPLAY** CONTROL FOR **DOCUMENT** PROCESSOR

PUB. NO.: 04-247558 [JP 4247558 A]  
PUBLISHED: September 03, 1992 ( **19920903**)  
INVENTOR(s): SHIIHARA HIDEMI  
APPLICANT(s): DAIKIN IND LTD [000285] (A Japanese Company or Corporation),

JP (Japan)  
APPL. NO.: 03-033696 [JP 9133696]  
FILED: February 01, 1991 (19910201)  
INTL CLASS: [5] G06F-015/20; G06F-015/20  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R139 (INFORMATION PROCESSING -- Word Processors)  
JOURNAL: Section: P, Section No. 1470, Vol. 17, No. 23, Pg. 87,  
January 18, 1993 (19930118)

ABSTRACT

PURPOSE: To improve workability for changing a display position by setting a character string **display area** as a **text area** based on a format data, controlling the **text area** with the edge part of a document area as a reference and controlling a noncharacter image with the edge part of the **text area** as a reference.

CONSTITUTION: When the change of the format data is by a format data setting part 1, double side printing is designated and when the change of a **page** is instructed by a **page movement** processing part 3, the upper left coordinates of the **text area** to the upper left side of the **document display area** has to be changed. Therefore, the **text area** is prepared by a **text area** preparation part 4 in the state of moving to a relevant point, and corresponding to the newly prepared **text area**, a **text area** management information preparation part 5 prepares **text area** management information.

20/5/21 (Item 21 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03740064 \*\*Image available\*\*  
SENTENCE CONTROLLER

PUB. NO.: 04-105164 [JP 4105164 A]  
PUBLISHED: April 07, 1992 ( 19920407)  
INVENTOR(s): KAJIMOTO KAZUO  
NONOMURA TOMOYUKI  
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company  
or Corporation), JP (Japan)  
APPL. NO.: 02-222764 [JP 90222764]  
FILED: August 24, 1990 (19900824)  
INTL CLASS: [5] G06F-015/20  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R139 (INFORMATION PROCESSING -- Word Processors)  
JOURNAL: Section: P, Section No. 1392, Vol. 16, No. 345, Pg. 158, July  
27, 1992 (19920727)

ABSTRACT

PURPOSE: To improve the control efficiency of sentences by integrating automatically the **sentences**, setting the new **sentence areas** at the parts except the graphics, and also **moving** the **documents** following the graphics as the comments when the graphics and the sentences are put on each other.

CONSTITUTION: A sentence block group control means 106 arranges a sentence storing means 101 a **sentence** block designation means 102, a sentence block **area** storage means 103, a **sentence** block **display** means 104, and a **sentence** block group control means 105 for each **document** block group. Then a **display** screen 107 is added together with a direct coordinate designation means 108 which directly designates the coordinates on the screen 107, and a **sentence display** control means 109 which controls the **display** and the operation of the **documents**. When the documents and the graphics are put on each other, the documents. When the documents and the graphics are put on each other, the **sentences** are automatically

integrated and the new **sentence areas** are set at the parts except the graphics. At the same time, the sentences following the graphics are moved as the comments. Thus the practical effect is improved and the sentences are effectively controlled.

**20/5/22 (Item 22 from file: 347)**

DIALOG(R)File 347:JAPIO

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03723377 \*\*Image available\*\*  
IMAGE DISPLAY DEVICE

PUB. NO.: 04-088477 [JP 4088477 A]  
PUBLISHED: March 23, 1992 ( **19920323**)  
INVENTOR(s): MURATA MATSUHISA  
AOKI ISAO  
APPLICANT(s): MATSUSHITA GRAPHIC COMMUN SYST INC [330729] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 02-197340 [JP 90197340]  
FILED: July 25, 1990 (19900725)  
INTL CLASS: [5] G06F-015/40; G06F-003/14; G09G-005/00; G09G-005/14  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 44.9 (COMMUNICATION -- Other); 45.3 (INFORMATION PROCESSING -- Input Output Units)  
JOURNAL: Section: P, Section No. 1383, Vol. 16, No. 313, Pg. 114, July 09, 1992 (19920709)

#### ABSTRACT

PURPOSE: To turn over pages in an remaining area other than a desired division area while **displaying** a desired **page** fixedly in the desired division area by providing an image memory for display fixation.

CONSTITUTION: The image memory 16 for display fixation is provided and how many areas a display screen 15 is divided into is specified, so that image data which are restored by a restoration processing part 11 corresponding to the **size** of the divided **area** are **enlarged** or reduced and stored in a display image memory 13. Then the image data are **read** out and respective **pages** are **displayed** in the division areas in order and turned over. When a **page** to be **displayed** fixedly is **displayed**, the **page** turning-over operation is stopped and area where the **page** is to be displayed is specified; and the **page** to be **displayed** fixedly is **moved** to the area and the **pages** begin to be turned over in the remaining area. Therefore, the image data which are read out of the image memory 16 for display fixation are displayed in the **display** fixation area. Consequently, the desired **page** is **displayed** fixedly in the desired division screen area and the pages are turned over in the remaining area.

**20/5/26 (Item 26 from file: 347)**

DIALOG(R)File 347:JAPIO

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03175368 \*\*Image available\*\*  
IMAGE FORMING DEVICE

PUB. NO.: 02-150868 [JP 2150868 A]  
PUBLISHED: June 11, 1990 ( **19900611**)  
INVENTOR(s): KUROKAWA HIROTO  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 63-305400 [JP 88305400]  
FILED: December 02, 1988 (19881202)  
INTL CLASS: [5] G03G-015/04; G03B-027/62; G03G-015/00  
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 29.1

(PRECISION INSTRUMENTS -- Photography & Cinematography)  
JAPIO KEYWORD:R116 (ELECTRONIC MATERIALS -- Light Emitting Diodes, LED)  
JOURNAL: Section: P, Section No. 1097, Vol. 14, No. 398, Pg. 130,  
August 28, 1990 (19900828)

ABSTRACT

PURPOSE: To control the unnecessary scanning of a carriage without making the device complex, to speed up the processing for copying operation, and to prevent the temperature in the device from rising by controlling the driving of the carriage in response to the size of a document supplied from a document feeding and discharging device.

CONSTITUTION: This device is provided with the document feeding and discharging device 3 which supplies the document onto platen glass 12 and discharges it, a detecting means which detects the size of the document when the document is supplied onto the platen glass 12 by the document feeding and discharging device 3, and a driving means which moves the carriage to the end part of the document in the opposite direction from the document feeding and discharging device 3 in response to the output value of the detecting means. Then when the document is supplied to the platen glass 12 and the size of the document is detected, the carriage is moved to the end part of the document in the opposite direction from the document feeding and discharging device 3 according to the size of the document. Consequently, the unnecessary scanning of the carriage is controlled to speed up the processing for the copying operation and the temperature in the device can be prevented from rising.

20/5/28 (Item 28 from file: 347)

DIALOG(R)File 347:JAPIO

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03081172 \*\*Image available\*\*

METHOD FOR MOVING SENTENCE IN EDITING MACHINE

PUB. NO.: 02-056672 [JP 2056672 A]  
PUBLISHED: February 26, 1990 ( 19900226)  
INVENTOR(s): TERAHI HIROMITSU  
APPLICANT(s): HONDA MOTOR CO LTD [000532] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 63-209274 [JP 88209274]  
FILED: August 23, 1988 (19880823)  
INTL CLASS: [5] G06F-015/20  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD:R139 (INFORMATION PROCESSING -- Word Processors)  
JOURNAL: Section: P, Section No. 1049, Vol. 14, No. 233, Pg. 21, May 17, 1990 (19900517)

ABSTRACT

PURPOSE: To interactively and visually move a sentence by changing the correlative coordinates of layout for sentence, to which an independent memory is allocated, in a prepared page.

CONSTITUTION: A cursor 9 on a screen 5 is moved to a sentence area 6 which includes a sentence 6a to be moved. When the cursor 9 goes into the sentence area 6, the sentence area 6 is inverted and displayed and the sentence is displayed in white on a black ground. By this inverting display processing, the sentence to be moved is clearly designated. By moving the cursor 9, an outline 6b of the sentence area 6 is moved to a place, to which the outline is desired to be moved. The coordinate position of the cursor 9, namely, the coordinate position of the outline 6b of the sentence area 6 is newly stored to a bit map memory and a correlative coordinate position with the layout for sentence to a prepared page 4 is changed. Based on the changed correlative coordinate, the sentence, which is stored by the bit map memory, is displayed on the screen 5 according to the layout for sentence. Thus, the sentence 6a in the

prepared page 4 is moved from an upper left position to a lower right position.

20/5/29 (Item 29 from file: 347)

DIALOG(R)File 347:JAPIO

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02924381 \*\*Image available\*\*

IMAGE FORMING DEVICE

PUB. NO.: 01-221981 [JP 1221981 A]

PUBLISHED: September 05, 1989 ( 19890905)

INVENTOR(s): HAYASHI MASAYUKI

APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 63-047099 [JP 8847099]

FILED: February 29, 1988 (19880229)

INTL CLASS: [4] H04N-001/387; H04N-001/393

JAPIO CLASS: 44.7 (COMMUNICATION -- Facsimile)

JAPIO KEYWORD: R002 (LASERS); R011 (LIQUID CRYSTALS); R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)

JOURNAL: Section: E, Section No. 854, Vol. 13, No. 541, Pg. 25, December 05, 1989 (19891205)

#### ABSTRACT

PURPOSE: To allocate plural documents to one piece of transfer paper after reduction so as to produce a combined copy by storing picture data, divided shapes of documents, and variable magnifications in a storing means.

CONSTITUTION: After the set dividing condition of a copy is set by operating an operating section, plural copies are set in an automatic document feeding device. When copying works are started, the information on the documents is stored in a laser card through a laser card controller 53 while replacing the documents and variably magnifying the magnifications of the documents to prescribed magnifications at every document scanning and shifting the reference coordinates of a memory by means of a direct memory controller 53. On the other hand, page data, such as the divided form of a page, sizes of the documents are also written in the laser card and the allocation of the copy is performed through the operating section. The variable magnifications for the reduction of the documents are automatically fixed in accordance with the storing content of the laser card when sized of the documents and transfer paper are decided. Therefore, the dividing number of a copy is automatically judged and a hard copy can be outputted by reducing the documents.

20/5/32 (Item 32 from file: 347)

DIALOG(R)File 347:JAPIO

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02614783 \*\*Image available\*\*

DOCUMENT DISPLAYING METHOD

PUB. NO.: 63-231683 [JP 63231683 A]

PUBLISHED: September 27, 1988 ( 19880927)

INVENTOR(s): NISHIKAWA HIROSHI

SHIMAZAKI SHIGEO

KAWAKAMI KATSURA

ISHIZUKA MAKOTO

ISOGAWA TAKAO

APPLICANT(s): MATSUSHITA GIKEN KK [470836] (A Japanese Company or Corporation), JP (Japan)

PFU LTD [366680] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 62-066453 [JP 8766453]  
FILED: March 20, 1987 (19870320)  
INTL CLASS: [4] G06F-015/62  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 818, Vol. 13, No. 35, Pg. 74, January 26, 1989 (19890126)

ABSTRACT

PURPOSE: To **display** spread **pages** of a **book** in a natural state by providing a 1st memory which corresponds to display contents on a display means one to one, a 2nd memory which is utilized to scroll other pages to right and left, and a mixer.

CONSTITUTION: When a page i+1 with contents 102 is turned, namely, when one page is advanced to left, the contents 102 of the page i+1 are transferred to a **moving page** area 110 in a **display** buffer 105 for superposition. The contents 103 of a page i+2 where the contents of the page i+2 in a memory 100 are transferred to a left page **area** 108. In this state, the **contents** read out of a display buffer 104 and the display buffer 105 for superposition are selected by the mixer 106 and **displayed** on a **display** 107. Consequently, **pages** are turned smoothly.

20/5/34 (Item 34 from file: 347)  
DIALOG(R)File 347:JAPIO  
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01695160 \*\*Image available\*\*  
DOCUMENT DISPLAY PROCESSING SYSTEM

PUB. NO.: 60-173660 [JP 60173660 A]  
PUBLISHED: September 07, 1985 ( 19850907)  
INVENTOR(s): KODERA HIROSHI  
MURAKAMI SHINICHI  
TOGAWA MASAO  
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 59-014874 [JP 8414874]  
FILED: January 30, 1984 (19840130)  
INTL CLASS: [4] G06F-015/20; G06F-015/62  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 423, Vol. 10, No. 19, Pg. 155, January 24, 1986 (19860124)

ABSTRACT

PURPOSE: To attain smooth document communication conference by attaining **window expansion**, shrinking and **moving** of **display** pattern and plural **document** simultaneous **display** in addition to one **page**'s share of **document display**.

CONSTITUTION: An original for one page's share is written from a magnetic disc 1 respectively and read on a display device 8 from display memories A, B. when parallel **display** command of plural **documents** is conducted from a keyboard 2, a simultaneous display command signal of display memories A4 and B5 is transmitted from a control section 3 to a switch control section 6. In this case, when one page original consists of, e.g., 2,000 lines, 1,000 lines' share each is read from each memory in parallel display and displayed. Moreover, the scroll, **window expansion** and shrinkage of the pattern are realized by the depression of the specific key on the keyboard 2.

20/5/36 (Item 36 from file: 347)  
DIALOG(R)File 347:JAPIO  
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01477122    \*\*Image available\*\*  
CHARACTER PROCESSOR

PUB. NO.: 59-188722 [JP 59188722 A]  
PUBLISHED: October 26, 1984 ( 19841026)  
INVENTOR(s): TAKO TOSHIBUMI  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 58-060952 [JP 8360952]  
FILED: April 08, 1983 (19830408)  
INTL CLASS: [3] G06F-003/02; G06F-007/22  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 45.1  
(INFORMATION PROCESSING -- Arithmetic Sequence Units); 45.2  
(INFORMATION PROCESSING -- Memory Units)  
JAPIO KEYWORD: R139 (INFORMATION PROCESSING -- Word Processors)  
JOURNAL: Section: P, Section No. 339, Vol. 09, No. 50, Pg. 58, March  
05, 1985 (19850305)

#### ABSTRACT

PURPOSE: To make the inputting operation of a character processor easier,  
by **displaying** the leading line of a **page** being currently processed when  
only page retrieval is designated without designating the number of pages  
to be retrieved.

CONSTITUTION: When data inputted from a keyboard (KB)11 is that indicating  
page retrieval, a **word** processor controlling **section 3** **shifts** the  
control to a **page** retrieval controlling section 5. Then, at the page  
retrieval controlling section 5, the number of pages designated from the  
KB11 is discriminated and each data from the leading line of the designated  
**page** are successively **displayed** from the leading location of the  
display picture of a CRT7. When no page is designated from the KB11, the  
controlling section 5 retrieves a **page** being currently **displayed** on the  
CRT7 from the leading line and displays the control so that each data from  
the leading line are displayed on the display picture of the CRT7 from the  
leading location. In this case, the number of the **pages** being currently  
**displayed** is stored in a **displaying page** register 5a and the **page**  
retrieving process is terminated. At this time, a cursor also moves  
simultaneously to the leading line of the **displayed page**.

20/5/39    (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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017291286    \*\*Image available\*\*  
WPI Acc No: 2005-614915/200563  
Related WPI Acc No: 1995-242132; 1997-433858; 2005-344104  
XRPX Acc No: N05-504482

**Information display method in computer system, involves changing  
magnification level of size of computer-generated display window  
based on wheel movement signal, while maintaining window size  
regardless of pointer movement**

Patent Assignee: MICROSOFT CORP (MICT )  
Inventor: ADAMS A M; BREWER T T; HELLINGS C T; HOLMDAHL T; KIM R; LEDBETTER  
C; MICHELMAN E H; NIEMISTO J; ROSHAK T; SIDDIQUI K  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6940488	B1	20050906	US 94178524	A	19940106	200563 B
			US 95467549	A	19950606	
			US 96583650	A	19960105	
			US 96614147	A	19960312	
			US 97881712	A	19970624	
			US 98212898	A	19981216	

Priority Applications (No Type Date): US 98212898 A 19981216; US 94178524 A



19940106; US 95467549 A 19950606; US 96583650 A 19960105; US 96614147 A  
19960312; US 97881712 A 19970624

Patent Details:

Patent No Kind Lan Pg Main IPC  
US 6940488 B1 54 G09G-005/08

Filing Notes

Cont of application US 94178524  
Div ex application US 95467549  
CIP of application US 96583650  
Cont of application US 96614147  
CIP of application US 97881712  
Cont of patent US 5473344  
CIP of patent US 5963197  
Cont of patent US 6097371

Abstract (Basic): US 6940488 B1

NOVELTY - An application program is executed to receive a signal indicating movement of a wheel of a standard mouse. The displayable information within a computer-generated display **window** (200) having a **size** at one of the several magnification levels, are displayed. The magnification level is changed based on the movement signal while maintaining the **size** of the **window**, regardless of pointer movement on display device.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for computer system.

USE - For displaying information in computer system (claimed).

ADVANTAGE - The user can **view** the data in a displayed **document** e.g. spreadsheet **document** by simply **rotating** the wheel on the mouse.

DESCRIPTION OF DRAWING(S) - The figure shows the front view of the visual display device of computer system.

computer (109)

window (200)

spreadsheet document (202)

horizontal scroll bar (218)

vertical scroll bar (219)

pp; 54 DwgNo 4A/16

Title Terms: INFORMATION; DISPLAY; METHOD; COMPUTER; SYSTEM; CHANGE;

MAGNIFY; LEVEL; SIZE; COMPUTER; GENERATE; DISPLAY; WINDOW; BASED; WHEEL;

MOVEMENT; SIGNAL; MAINTAIN; WINDOW; SIZE; POINT; MOVEMENT

Derwent Class: P85; T01; T04

International Patent Class (Main): G09G-005/08

File Segment: EPI; EngPI

**20/5/43 (Item 5 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014652639

WPI Acc No: 2002-473343/200251

XRPX Acc No: N02-373722

**System for displaying images of a virtual 3D book in which a page may be slid out from the book, a customized table of contents displayed, information about the book displayed around its edge and part of the display magnified**

Patent Assignee: XEROX CORP (XERO ); CARD S K (CARD-I); GOSSWEILER R C (GOSS-I); MACKINLAY J D (MACK-I); WOODRUFF A G (WOOD-I)

Inventor: CARD S K; GOSSWEILER R C; MACKINLAY J D; WOODRUFF A G

Number of Countries: 028 Number of Patents: 012

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1217508	A1	20020626	EP 2001310637	A	20011219	200251 B
US 20020083101	A1	20020627	US 2000741035	A	20001221	200251
US 20020113802	A1	20020822	US 2000741036	A	20001221	200258
US 20020113823	A1	20020822	US 2000741034	A	20001221	200258
US 20020118230	A1	20020829	US 2000741038	A	20001221	200259

JP 2002215285	A	20020731	JP 2001386942	A	20011220	200265
US 20030052900	A1	20030320	US 2000741037	A	20001221	200323
US 20050005245	A1	20050106	US 2000741034	A	20001221	200504
			US 2004895830	A	20040722	
US 20050005246	A1	20050106	US 2000741034	A	20001221	200504
			US 2004896056	A	20040722	
US 6924822	B2	20050802	US 2000741037	A	20001221	200550
US 20060033762	A1	20060216	US 2000741037	A	20001221	200614
			US 2005195575	A	20050801	
US 7015910	B2	20060321	US 2000741036	A	20001221	200621

Priority Applications (No Type Date): US 2000741038 A 20001221; US 2000741034 A 20001221; US 2000741035 A 20001221; US 2000741036 A 20001221; US 2000741037 A 20001221; US 2004895830 A 20040722; US 2004896056 A 20040722; US 2005195575 A 20050801

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1217508	A1	E	71	G06F-003/033	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT					
LI LT LU LV MC MK NL PT RO SE SI TR					
US 20020083101	A1			G06F-015/00	
US 20020113802	A1			G09G-005/00	
US 20020113823	A1			G06F-003/14	
US 20020118230	A1			G06F-003/14	
JP 2002215285	A		36	G06F-003/00	
US 20030052900	A1			G09G-005/00	
US 20050005245	A1			G09G-005/00	Div ex application US 2000741034
US 20050005246	A1			G09G-005/00	Div ex application US 2000741034
US 6924822	B2			G09G-005/00	
US 20060033762	A1			G09G-005/00	Cont of application US 2000741037
					Cont of patent US 6924822
US 7015910	B2			G06T-017/00	

Abstract (Basic): EP 1217508 A1

NOVELTY - In a first embodiment one **page** may be slid out of the **displayed** 3D **book** and **viewed** separately alongside the **book**. In a second embodiment a customized table of contents of the **book** is **displayed**. In a third embodiment, information about a **displayed** **book** is **displayed** around the edges of the **book**. In another embodiment the **display** is controlled in response to a degree of interest function. Finally, a central **region** of the **displayed** **book** is **magnified** with the **magnification** decreasing from a maximum in the central **region** to no **magnification** at the edge of the book.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for  
(a) a system for **displaying** a virtual 3D **book** and a customized table of contents

(b) a system for **displaying** images of a virtual 3D **book** with information about the **book** **displayed** around its edge

(c) a system for **displaying** a virtual 3D **book** where the **display** is allocated in response to a degree of interest function

(d) a system for **displaying** images of a virtual 3D **book** where a central **region** of the display is **magnified**

(e) and a computer program product for displaying an image of a 3D virtual book

USE - **Displaying** a virtual 3D **book**.

ADVANTAGE - More user-friendly **display**, particularly with larger **books**.

pp; 71 DwgNo 0/34

Title Terms: SYSTEM; DISPLAY; IMAGE; VIRTUAL; BOOK; PAGE; SLIDE; BOOK; CUSTOMISATION; TABLE; CONTENT; DISPLAY; INFORMATION; BOOK; DISPLAY; EDGE; PART; DISPLAY; MAGNIFY

Derwent Class: P85; T01

International Patent Class (Main): G06F-003/00; G06F-003/033; G06F-003/14; G06F-015/00; G06T-017/00; G09G-005/00

International Patent Class (Additional): G06F-017/00

File Segment: EPI; EngPI

20/5/44 (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014351150 \*\*Image available\*\*

WPI Acc No: 2002-171853/200222

XRPX Acc No: N02-130614

**Novel book-like Internet browsing for browsing Internet information that organizes downloaded information in page based manner complete with functional thickness representation**

Patent Assignee: E-BOOK SYSTEMS PTE LTD (EBOO-N)

Inventor: HO S B; SEET C H

Number of Countries: 096 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200206917	A2	20020124	WO 2001SG146	A	20010710	200222	B
AU 200222958	A	20020130	AU 200222958	A	20010710	200236	
NO 200300164	A	20030311	WO 2001SG146	A	20010710	200331	
			NO 2003164	A	20030113		
EP 1323017	A2	20030702	EP 2001984267	A	20010710	200344	
			WO 2001SG146	A	20010710		
KR 2003040357	A	20030522	KR 2003700467	A	20030113	200360	
JP 2004507808	W	20040311	WO 2001SG146	A	20010710	200419	
			JP 2002512764	A	20010710		
CN 1636395	A	20050706	CN 2001812803	A	20010710	200574	

Priority Applications (No Type Date): US 2000617043 A 20000714

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200206917 A2 E 71 G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200222958 A G06F-000/00 Based on patent WO 200206917

NO 200300164 A G06F-003/033

EP 1323017 A2 E G06F-001/00 Based on patent WO 200206917

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

KR 2003040357 A G06F-017/00

JP 2004507808 W 107 G06F-017/30 Based on patent WO 200206917

CN 1636395 A H04N-007/00

Abstract (Basic): WO 200206917 A2

NOVELTY - Jump cursors (110,111) are selected to enter a mode of fine adjustment and movement of the cursor over the thickness (101,102) in pixel-increment steps may not allow the user to select some pages. Therefore a fine adjustment mode is required, which can be a real time check on a jump cursor to **expand** the **region** around it, represented by a rectangle (150). The thickness of the region represents a subset of pages represented by the full thickness, so that the cursor can access **pages** to a finer level when **moved** up and down in the rectangle.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a user interface and for a computer readable medium with program instructions.

USE - Organizing information downloaded from the Internet in form of a book.

ADVANTAGE - Quick and easy obtaining of all information in the book.

DESCRIPTION OF DRAWING(S) - The drawing shows a **book displayed**  
on a screen

Jump cursors (110,111)

Thickness (101,102)

Rectangle (150)

pp; 71 DwgNo 1E/7

Title Terms: NOVEL; BOOK; INFORMATION; ORGANISE; INFORMATION; PAGE; BASED;  
MANNER; COMPLETE; FUNCTION; THICK; REPRESENT

Derwent Class: T01

International Patent Class (Main): G06F-000/00; G06F-001/00; G06F-003/033;  
G06F-017/00; G06F-017/30; H04N-007/00

International Patent Class (Additional): G06F-017/24; G06K-011/18

File Segment: EPI

**20/5/50 (Item 12 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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013203137 \*\*Image available\*\*

WPI ACC No: 2000-375010/ 200032

XRPX ACC No: N00-281588

**Information display method in computer system, electronic devices,  
involves scrolling document within window, horizontally and vertically  
using semitransparent scroll bar tools**

Patent Assignee: SONY CORP (SONY ); SONY ELECTRONICS INC (SONY )

Inventor: DURRANI S; KARMEI C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6057840	A	20000502	US 9849780	A	19980327	200032 B

Priority Applications (No Type Date): US 9849780 A 19980327

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6057840	A	31	G06F-003/00	

Abstract (Basic): US 6057840 A

NOVELTY - Relevant portion of **document** is **displayed** within the window on display screen and scrolled along horizontal or vertical direction using horizontal or vertical scroll bar tools. The scroll bar tools displayed at respective edges of **window** comprise semitransparent button images whose **size** is variable.

DETAILED DESCRIPTION - The **document** portion is **moved** in response to the displacement of the horizontal and vertical semitransparent button images along the horizontal or vertical edges of the **window**, such that the **text** or graphic images of the document are visualized. The size of the semitransparent button images are varied based on relationship between the relevant portion of **document displayed** within window and the entire portion of the document.

USE - For displaying information on display screen of computer system, electronic devices such as personal digital assistant (PDA), portable telephone, portable computing devices.

ADVANTAGE - The information region of application's window area is merged with its tool region, thus making the scroll bar tool semitransparent, hence the usable display area of the display screen is increased effectively. The semitransparent scroll bar tools allow visualization of the user information there through.

DESCRIPTION OF DRAWING(S) - The figure shows flow diagram of the information display process.

pp; 31 DwgNo 13/13

Title Terms: INFORMATION; DISPLAY; METHOD; COMPUTER; SYSTEM; ELECTRONIC;  
DEVICE; SCROLL; DOCUMENT; WINDOW; HORIZONTAL; VERTICAL; SCROLL; BAR; TOOL

Derwent Class: T01

International Patent Class (Main): G06F-003/00

File Segment: EPI

**20/5/52 (Item 14 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
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013106214 \*\*Image available\*\*

WPI ACC No: 2000-278085/ **200024**

XRPX ACC No: N00-209428

**Document processor e.g. Japanese language word processor**

Patent Assignee: CANON KK (CANO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000076233	A	20000314	JP 98254675	A	1998082	200024 B

Priority Applications (No Type Date): JP 98254675 A 19980826

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000076233	A	7	G06F-017/21	

Abstract (Basic): JP 2000076233 A

NOVELTY - The document processor has a CPU (1) and a display function controller (7) that set a cursor on a blank paper code during the **display** of a **document**, and make the cursor **move** in half size irrespective of the input mode.

DETAILED DESCRIPTION - The document produced or edited is shown on a display device (8) in predetermined form. The cursor moves on the screen top of the display device depending on the operation of a pointing device (14).

USE - None given.

ADVANTAGE - Improves efficiency in document processing in which cursor can be moved on a display in a position in response to character input. Ensures convenient movement of cursor. Cursor can be formed in half **size** or standard full **size** using the **window** on the display screen. Sets operation mode of cursor easily when displaying the screen for set-up. Has improved versatility since resetting for every switch-ON of power supply is unnecessary.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the document processor.

CPU (1)

Display function controller (7)

Display device (8)

Pointing device (14)

pp; 7 DwgNo 1/7

Title Terms: DOCUMENT; PROCESSOR; JAPAN; LANGUAGE; WORD; PROCESSOR

Derwent Class: T01

International Patent Class (Main): G06F-017/21

International Patent Class (Additional): G06F-003/00

File Segment: EPI

**20/5/55 (Item 17 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
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012933671 \*\*Image available\*\*

WPI ACC No: 2000-105518/ **200009**

XRPX ACC No: N00-081108

**Displaying method for digital images of original documents and translations**

Patent Assignee: CORBIS CORP (CORB-N)

Inventor: AREND M B; GOLDSTEIN M B; JUANARENA C J; WONG C G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6012073	A	20000104	US 96734232	A	19961021	200009 B

Priority Applications (No Type Date): US 96734232 A 19961021

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6012073	A		26	G06T-003/20	

Abstract (Basic): US 6012073 A

NOVELTY - A portion of an original **text** bitmap is shown on the main display **area** of the display of the computer system. A translation window is displayed over the main display area. The translation window shows a portion of a translation bitmap which corresponds to the original **text** bitmap portion covered by the translation **window**.

DETAILED DESCRIPTION - Bitmaps, which are to be used in a computer system which has a display, are stored.

USE - For digital images of original documents and translations.

ADVANTAGE - Facilitates review and study of larger **document pages** through image scrolling and **movement** of translation window. Provides overview feature, which has logical links to subject matter categories, and mirroring feature.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of original **text** and translation bitmaps calculating and **displaying** method.

pp; 26 DwgNo 19/20

Title Terms: DISPLAY; METHOD; DIGITAL; IMAGE; ORIGINAL; DOCUMENT; TRANSLATION

Derwent Class: T01

International Patent Class (Main): G06T-003/20

International Patent Class (Additional): G06T-003/40

File Segment: EPI

**20/5/56 (Item 18 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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012882004 \*\*Image available\*\*

WPI ACC No: 2000-053837/ **200005**

XRPX ACC No: N00-042021

Text reader , **e.g. for electronic book stored on CD-ROM**

Patent Assignee: MCMAHON M J (MCMA-I)

Inventor: MCMAHON M J

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2241816	A	19990123	CA 2241816	A	19980629	200005 B
US 6037954	A	20000314	US 97899158	A	19970723	200020
CA 2241816	C	20011216	CA 2241816	A	19980629	200163

Priority Applications (No Type Date): US 97899158 A 19970723

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2241816	A		17	G06F-003/06	
US 6037954	A			G06F-003/14	
CA 2241816	C	E		G06F-003/06	

Abstract (Basic): CA 2241816 A

NOVELTY - A data storage device such as a CD-ROM or Micro-CD-ROM containing **text** information is **read** and the **text** information **displayed** on the flat screen (5). The control panel (6) allows the user to select a **document** , **move** through it and mark desired **pages** . The control **panel** also allows for resizing of the **text**.

USE - For reading of electronic documentation stored on a CD-ROM or Micro-CD-ROM.

ADVANTAGE - The device allows for portable **reading** of **text** stored on electronic documentation such as an electronic book stored on a CD-ROM, the device allows for simple control of the **text** as it is **read** by the user.

DESCRIPTION OF DRAWING(S) - The drawing shows a perspective view of the portable reading device with the cover plate in an open position.

Flat screen (5)

Control panel (6)

pp; 17 DwgNo 1/6

Title Terms: TEXT; READ; ELECTRONIC; BOOK; STORAGE; CD; ROM

Derwent Class: T01; T03; W04

International Patent Class (Main): G06F-003/06; G06F-003/14

File Segment: EPI

**20/5/63 (Item 25 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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011518273 \*\*Image available\*\*

WPI ACC No: 1997-494759/ **199746**

XRPX ACC No: N97-411923

**Document processing method - by rotatably arranging specific information e.g. page number relating to document at page rotation direction corresponding to page rotation information**

Patent Assignee: FUJI XEROX CO LTD (XERF )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9231214	A	19970905	JP 9632437	A	19960220	199746 B

Priority Applications (No Type Date): JP 9632437 A 19960220

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9231214	A	19	G06F-017/24	

Abstract (Basic): JP 9231214 A

The method involves showing the **page rotation** direction corresponding to the **page rotation** information. The layout of the **content** information in the edit **area** of a document and the layout of a specific information e.g. page number relating to the document are produced.

The content information on the **document** is arranged in non-**rotating** state. The specific information relating to the **document** is **rotated** and arranged on the **page rotation** direction corresponding to the **page rotation** information.

ADVANTAGE - Produces and edits content information easily since content information is not **rotated** when **displayed** to **display** device. **Page** number is printed in proper direction and position. Enables simple bookbinding of document.

Dwg.1/28

Title Terms: DOCUMENT; PROCESS; METHOD; ROTATING; ARRANGE; SPECIFIC; INFORMATION; PAGE; NUMBER; RELATED; DOCUMENT; PAGE; ROTATING; DIRECTION; CORRESPOND; PAGE; ROTATING; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-017/24

International Patent Class (Additional): G06F-017/21

File Segment: EPI

**20/5/65 (Item 27 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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011424203      \*\*Image available\*\*

WPI ACC No: 1997-402110/ 199737

XRFX ACC No: N97-334496

**Document information extraction method for continuous flow of documents - involves coding identification area and blank areas of document , scanning control document and reading contents of coded areas from continuously processed routine documents**

Patent Assignee: DUNN H P (DUNN-I)

Inventor: DUNN H P

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5655027	A	19970805	US 96651475	A	19960522	199737 B

Priority Applications (No Type Date): US 96651475 A 19960522

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5655027	A	4		

Abstract (Basic): US 5655027 A

The method for extracting handwritten or typewritten information from a continuous flow of documents involves coding the identification area of a control document. The blank areas to be filled-in of a control document are also coded. The control **document** is **scanned** . A computer calculates and files the location of the coded areas.

The computer reads and files, in binary form, the **contents** of the coded **areas** from continuously precessed routine documents. The identifier fields are converted to machine readable **text** using optical character **reading** techniques. The binary data is compressed.

USE/ADVANTAGE - Files may be transmitted electronically or transport physically on small disks to most economic possible location for inputting, whether local to, or remote from **document** receiving location, without necessity of **moving** paper or massive computer files or requiring excessive input time.



File 348:EUROPEAN PATENTS 1978-2006/ 200627

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File 349:PCT FULLTEXT 1979-2006/UB=20060629,UT=20060622

(c) 2006 WIPO/Univentio

Set	Items	Description
S1	175110	(READ??? OR READABILITY OR VIEW??? OR DISPLAY??? OR PRESEN- T??? OR PRESENTATION OR SCAN?)(5N)(TEXT OR TEXTUAL OR WORD? ? OR SENTENCE? ? OR DOCUMENT? ? OR PAGE? ? OR WEBPAGE? ? OR BOO- K? ? OR EBOOK? ? OR NEWSPAPER? ? OR ARTICLE? ? OR CHARACTER? - ?)
S2	36278	(MOV??? OR MOVEMENT OR CYCL??? OR CIRCL??? OR ENCIRCL??? OR ROTAT???? OR REVOLV??? OR REVOLUTION? ? OR SHIFT??? OR SLID?- ?? OR SCROLL???) (5N)(PAGE? ? OR WEBPAGE? ? OR DOCUMENT? ? OR - BOOK OR EBOOK? ? OR NEWSPAPER? ? OR ARTICLE? ?)
S3	51606	(MAGNIF? OR ENLARG? OR ENHANC? OR EXPAND??? OR EXPANSION OR AUGMENT??? OR SIZE)(7N)(TEXT??? OR WORD? ? OR SENTENCE? ? OR CONTENT? ? OR CHARACTER? ? OR STRING? ?)
S4	100807	(WINDOW? ? OR GLASS?? OR BOX?? OR PANE??? OR REGION? ? OR - SECTION? ? OR SQUARE? ? OR AREA? ? OR ZONE)(7N)(TEXT??? OR WO- RD? ? OR SENTENCE? ? OR CONTENT? ? OR CHARACTER? ? OR STRING? ?)
S5	256630	(MAGNIF? OR ENLARG? OR ENHANC? OR EXPAND??? OR EXPANSION OR AUGMENT??? OR SIZE)(7N)(WINDOW? ? OR GLASS?? OR BOX?? OR PAN- E??? OR REGION? ? OR SECTION? ? OR SQUARE? ? OR AREA? ? OR ZO- NE)
S6	98256	(WINDOW? ? OR GLASS?? OR BOX?? OR PANE??? OR REGION? ? OR - SECTION? ? OR SQUARE? ? OR AREA? ? OR ZONE)(7N)(FIXED OR RIGID OR STATIONARY OR ("NOT" OR WITHOUT OR NO OR T)(3W)(MOV??? OR MOVEMENT? ?))
S7	7451	SCANNING(5N)(TEXT OR TEXTUAL OR WORD? ? OR SENTENCE? ? OR - DOCUMENT? ? OR PAGE? ? OR WEBPAGE? ? OR BOOK? ? OR EBOOK? ? OR NEWSPAPER? ? OR ARTICLE? ? OR CHARACTER? ?)
S8	21	(S1 OR S7)(50N)S2(50N)(S3 OR S5)(50N)S6(50N)S4
S9	27	(S1 OR S7)(100N)S2(100N)(S3 OR S5)(100N)S6(100N)S4
S10	67027	(OVERLAP???? OR SUPERIMPOS? OR SUPER()IMPOS??????? OR OVERL- AY??? OR OVERLAIN)(10N)(WINDOW? ? OR GLASS?? OR BOX?? OR PANE- ??? OR REGION? ? OR SECTION? ? OR SQUARE? ? OR AREA? ? OR ZON- E)
S11	21	(S1 OR S7)(100N)S2(100N)(S3 OR S5)(100N)S10(100N)S4
S12	44	S9 OR S11
S13	22	S12 AND AC=US/PR AND AY=(1978:2000)/PR
S14	22	S12 AND AC=US AND AY=1978:2000
S15	22	S12 AND AC=US AND AY=(1978:2000)/PR
S16	27	S12 AND PY=1978:2000
S17	30	S13:S16
S18	30	IDPAT (sorted in duplicate/non-duplicate order)

18/3,K/3 (Item 3 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00739772

A METHOD FOR HANDLING OBSCURED ITEMS ON COMPUTER DISPLAYS  
VERFAHREN ZUR BEHANDLUNG VON VERBORGENEN OBJEKTEN AUF EINEM  
RECHNERBILDSCHIRM

PROCEDE POUR MANIER DES OBJETS CACHES, SUR UN ECRAN D'ORDINATEUR

PATENT ASSIGNEE:

MINNESOTA MINING AND MANUFACTURING COMPANY, (300410), 3M Center, P.O. Box  
33427, St. Paul, Minnesota 55133-3427, (US), (Proprietor designated  
states: all)

INVENTOR:

BERQUIST, David, T., P.O. Box 33427, Saint Paul, MN 55133-3427, (US)  
EISENBERG, Peter, M., P.O. Box 33427, Saint Paul, MN 55133-3427, (US)  
GRUNES, Mitchell, B., P.O. Box 33427, Saint Paul, MN 55133-3427, (US)  
KENNER, Martin, A., P.O. Box 33427, Saint Paul, MN 55133-3427, (US)  
KOZAK, Janelle, J., P.O. Box 33427, Saint Paul, MN 55133-3427, (US)  
KRUSE, John, M., P.O. Box 33427, Saint Paul, MN 55133-3427, (US)  
MUNSON, Cindy, L., P.O. Box 33427, Saint Paul, MN 55133-3427, (US)  
ROBINS, Althea, M., P.O. Box 33427, Saint Paul, MN 55133-3427, (US)

LEGAL REPRESENTATIVE:

VOSSIUS & PARTNER (100311), Postfach 86 07 67, 81634 Munchen, (DE)  
PATENT (CC, No, Kind, Date): EP 764299 A1 970326 (Basic)

EP 764299 B1 000308

WO 9530951 951116

APPLICATION (CC, No, Date): EP 95916346 950412; WO 95US4518 950412

PRIORITY (CC, No, Date): US 240229 940510

DESIGNATED STATES: FR; GB; IT; NL

INTERNATIONAL PATENT CLASS (V7): G06F-003/033; G09G-005/14

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200010	4375
CLAIMS B	(German)	200010	4023
CLAIMS B	(French)	200010	4515
SPEC B	(English)	200010	24177

Total word count - document A 0

Total word count - document B 37090

Total word count - documents A + B 37090

...SPECIFICATION the third note 918 remains inactive.

As shown in Figure 10, notes may, or may **not**, move with the scrolling  
contents of windows appearing, for example, on a viewing screen of...  
first portion 1006 of the window 1002, the first note 1012 moves down as  
the **document** 1008 within the first portion 1006 of the window 1002 is  
scrolled down. However, the...

...a fixed note section of the second portion 1010 of the window 1002, does  
not **move** down as the **document** 1008 within the first portion 1006 of  
the window 1002 is scrolled down, and the...

...a fixed note section of the first portion 1006 of the window 1002, does  
not **move** down as the **document** 1008 within the first portion 1006 of  
the window 1002 is scrolled down.  
Moreover, since the...

...a fixed note section of the second portion 1010 of the window 1002, does  
not **move** down as the **document** 1008 within the first portion 1006 of  
the window 1002 is scrolled down, all of...

...a fixed note section of the first portion 1006 of the window 1002, does

not **move** down as the **document** 1008 within the first portion 1006 of the window 1002 is scrolled down, all of...

...has been scrolled out of a window, returns to view whenever any part of the **document** underlying the note is **scrolled** back into the window, provided that, whenever any part of the grab area of the...

...reappears in the window, the entire note is made visible.

As shown in Figure 11, **windows** may be resized without affecting the **size** of a note, and a note may be resized without affecting the **size** of a **window**. As a **window** is resized, any note attached to it remains attached to its attachment site on the...

**18/3,K/5** (Item 5 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00716181

**SOFTWARE NOTES**  
**SOFTWARE-NOTIZEN**  
**NOTES LOGICIELLES**  
**PATENT ASSIGNEE:**

MINNESOTA MINING AND MANUFACTURING COMPANY, (300410), 3M Center, P.O. Box 33427, St. Paul, Minnesota 55133-3427, (US), (Proprietor designated states: all)

**INVENTOR:**

BERQUIST, David, T., P.O. Box 33427, Saint Paul, MN 55133-3427, (US)  
EISENBERG, Peter, M., P.O. Box 33427, Saint Paul, MN 55133-3427, (US)  
GRUNES, Mitchell, B., P.O. Box 33427, Saint Paul, MN 55133-3427, (US)  
KENNER, Martin, A., P.O. Box 33427, Saint Paul, MN 55133-3427, (US)  
KRUSE, John, M., P.O. Box 33427, Saint Paul, MN 55133-3427, (US)  
MERTENS, Timothy, A., P.O. Box 33427, Saint Paul, MN 55133-3427, (US)  
MUNSON, Cindy, L., P.O. Box 33427, Saint Paul, MN 55133-3427, (US)

**LEGAL REPRESENTATIVE:**

VOSSIUS & PARTNER (100311), Postfach 86 07 67, 81634 Munchen, (DE)  
PATENT (CC, No, Kind, Date): EP 741885 A1 961113 (Basic)

EP 741885 B1 021120

WO 95020794 950803

APPLICATION (CC, No, Date): EP 95908041 950112; WO 95US471 950112

PRIORITY (CC, No, Date): US 188219 940127

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): G06F-017/60; G06F-017/24

**NOTE:**

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200247	3937
CLAIMS B	(German)	200247	3682
CLAIMS B	(French)	200247	4445
SPEC B	(English)	200247	19501
Total word count - document A			0
Total word count - document B			31565
Total word count - documents A + B			31565

...SPECIFICATION the third note 918 remains inactive.

As shown in Figure 10, notes may, or may **not**, move with the scrolling contents of windows appearing, for example, on a viewing screen of... first portion 1006 of the window 1002, the first note 1012 moves down as the **document** 1008 within the first portion 1006 of the window 1002 is scrolled down. However, the...

...a fixed note section of the second portion 1010 of the window 1002, does not **move** down as the **document** 1008 within the first portion 1006 of

the window 1002 is scrolled down, and the...

...a fixed note section of the first portion 1006 of the window 1002, does not **move** down as the **document** 1008 within the first - portion 1006 of the window 1002 is scrolled down.

Moreover, since...

...a fixed note section of the second portion 1010 of the window 1002, does not **move** down as the **document** 1008 within the first portion 1006 of the window 1002 is scrolled down, all of...

...a fixed note section of the first portion 1006 of the window 1002, does not **move** down as the **document** 1008 within the first portion 1006 of the window 1002 is scrolled down, all of...

...has been scrolled out of a window, returns to view whenever any part of the **document** underlying the note is **scrolled** back into the window, provided that, whenever any part of the grab area of the...

...reappears in the window, the entire note is made visible.

As shown in Figure 11, **windows** may be resized without affecting the **size** of a note, and a note may be resized without affecting the **size** of a **window**. As a **window** is resized, any note attached to it remains attached to its attachment site on the...

**18/3,K/9 (Item 9 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

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01428957

**Display for rapid text reading with thumbnail view**

**Anzeige zum schnellen Textlesen mit Daumennagel-Bild**

**Affichage pour lecture rapide de texte avec representation "ongle de pouce"**

PATENT ASSIGNEE:

Xerox Corporation, (219787), Xerox Square - 20A, 100 Clinton Avenue South  
, Rochester, New York 14644, (US), (Applicant designated States: all)

INVENTOR:

Bentley, Richard M., 94 Woodhead Drive, Cambridge CB4 1YX, (GB)

O'Hara, Kenton, 51 Metford Road, Bristol BS6 7LB, (GB)

LEGAL REPRESENTATIVE:

Holmes, Miles Keeton et al (72832), Novagraaf SA 25, Avenue du Pailly,  
1220 Les Avanchets - Geneva, (CH)

PATENT (CC, No, Kind, Date): EP 1205903 A2 020515 (Basic)

APPLICATION (CC, No, Date): EP 2001126391 011107;

PRIORITY (CC, No, Date): US 707923 001108

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G09G-005/14

ABSTRACT WORD COUNT: 132

NOTE:

Figure number on first page: 4A 4B

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200220	512
SPEC A	(English)	200220	1925
Total word count - document A			2437
Total word count - document B			0
Total word count - documents A + B			2437

...SPECIFICATION used to control, for example, the reading rate (i.e. the rate at which the **words** at presented in turn in an RSVP display), start and stop controls for starting and...

...text currently being displayed.

In Fig. 4(a), the RSVP region 30 is displaying the word "rapid" from the top left corner of the document page. In fig. 4(b), the RSVP region 30 is displaying the word "clever" from the middle of the document page.

In the present embodiment, the thumbnail view 34 is a low resolution rendering of a complete document page...

...The example shown in Figs. 4(a) and 4(b) can provide a highly intuitive display of the context of the text presented in the RSVP region 30. However, the thumbnail view 34 is limited to being no...

...46 within the thumbnail view 42, at a position to indicate the location of the word currently displayed in the RSVP region 40. As the sequence of the words presented in the RSVP region 40 advances, the cursor 46 is moved to show the approximate...

...thumbnail view is provided in such a manner as to provide context information for the word sequence displayed in an RSVP display. However, the provision of the thumbnail can additionally be used to provide navigation control for...

**18/3,K/10 (Item 10 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

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01143615

**Image reader**

**Bildleser**

**Dispositif de lecture**

PATENT ASSIGNEE:

FUJITSU LIMITED, (211463), 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, (JP), (Applicant designated States: all)

INVENTOR:

Chiba, Hirotaka, c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211, (JP)

Noda, Tsugio, c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211, (JP)

Ishikawa, Yoshiro, c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211, (JP)

Sakai, Kenichiro, c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211, (JP)

LEGAL REPRESENTATIVE:

Stebbing, Timothy Charles et al (59641), Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD, (GB)

PATENT (CC, No, Kind, Date): EP 998116 A2 000503 (Basic)

EP 998116 A3 030924

APPLICATION (CC, No, Date): EP 99305672 990716;

PRIORITY (CC, No, Date): JP 98307666 981028; JP 99120772 990427

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04N-001/107

ABSTRACT WORD COUNT: 85

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200018	4460
SPEC A	(English)	200018	82137
Total word count - document A			86597

Total word count - document B 0  
Total word count - documents A + B 86597

...SPECIFICATION as compared to the size of the original image displayed by the display unit by **overlapping** on other image(s).

With the above invention, a whole or a portion of an...  
...the size of the original image can be displayed by the display control unit by **overlapping** on other image(s).

The present invention provides an image reader comprising a display control...

...comprising a text portion determining unit for determining a test portion of the image, a **rotation** direction detecting unit for detecting a direction of **rotation** of an image from a **character** image for the **text** portion determined by the **text** portion determining unit, and a display control unit for displaying the image as a properly...

...result of detection by the rotation direction detecting unit.

With the above invention, after a **text** portion in an image is determined by the **text** portion determining unit, a rotation direction of the image is detected from a character image...not. At this stage, as the document detecting section 105 shown in Fig. 1 is **not** located near the document P and the document detection signal S1 is not outputted from ...

...read control section 113A reads the image data D1 for one line the system control **shifted** to step SA4 where the **document** detecting section 105 determines whether the document P has been detected or not. Herein, while the image reader 104 is **sliding** over the **document** P, in other words, while the scanning operation is being executed, as the document detecting...reader 100 according to Embodiment 1 of the present invention described above, the read control **section** 113A determines whether reading has been started or terminated or not according to a result...

...1), and performs the operation mechanically. Namely, when the 201a comes in contact with the **document** P and a displacement ( **movement** ) thereof due to a repulsive force from the document P in the direction indicated by...

18/3,K/11 (Item 11 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01029490

**Capturing unpaginated hypertext in a paginated document**

**Erfassen eines Hypertexts ohne Seitenwechsel in einem Dokument mit Seitenwechsel**

**Saisie d'un hypertext sans pagination dans un document avec pagination**

PATENT ASSIGNEE:

Adobe Systems, Inc., (1120813), 345 Park Avenue, San Jose, California 95110, (US), (Applicant designated States: all)

INVENTOR:

Sweet, Richard Eric, 1171 Bruckner Circle, Mountain View, California 94040-4562, (US)

Rowe, Edward Royce Warren, 395 Ano Nuevo Avenue, #301, Sunnyvale, California 94086, (US)

LEGAL REPRESENTATIVE:

Schiuma, Daniele Wolfgang et al (88581), Muller-Bore & Partner, Grafinger Strasse 2, 81671 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 917071 A2 990519 (Basic)  
EP 917071 A3 010228

APPLICATION (CC, No, Date): EP 98308818 981028;

PRIORITY (CC, No, Date): US 970743 971114

DESIGNATED STATES: DE; FR; GB  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS (V7): G06F-017/22; G06F-017/21  
ABSTRACT WORD COUNT: 110  
NOTE:

Figure number on first page: 11

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9920	2137
SPEC A	(English)	9920	8994
Total word count - document A			11131
Total word count - document B			0
Total word count - documents A + B			11131

...SPECIFICATION identify auxiliary documents which are sources of content to be displayed as part of the **display** of the HTML document. For example, the HTML tag "IMG" specifies that the contents of...

...Similarly, the tag "FRAME" within an HTML document specifies that the content of a specified **document** should be **displayed** within a particular frame of a frame set defined by the HTML document. (The use...  
...object (e.g., a word or an image) and an external resource. When the HTML **document** is **displayed** by a browser, a user may select the screen object, and the browser will respond...

...user.

A characteristic of HTML documents is that they are not paginated. That is, the **displayed** "height" of an HTML **document** is determined solely by the amount and arrangement of the screen objects defined within it...

...of the document is divided into a sequence of regions with fixed dimensions.) If the **displayed document** does not fit within the height of the browser window, the browser permits scrolling of...

...of HTML document known as a "frame set". A frame set provides information giving the **size** and orientation of frames in a **window**, and specifies the contents of each frame. The contents of a frame may be either...be seen in FIG. 5, frame 55 can be scrolled independently of frame 50 to **display** the remainder of the HTML **document** contained within it.

In the above example, frame 50 is defined to have a fixed...

...50 remains at a fixed width.

As explained above, the ultimate appearance of an HTML **document** being **displayed** by a browser will usually depend on the **size** of the browser **window** (or frame) in which it is to be displayed. In general, a web browser will...

18/3,K/12 (Item 12 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00958822

**Method and apparatus for expanding and contracting a window panel**  
**Verfahren und Vorrichtung zur Expansion und zur Verkleinerung eines Fensters**

**Methode et appareil d'expansion et de contraction d'une fenetre**

PATENT ASSIGNEE:

Sun Microsystems, Inc., (1392738), 901 San Antonio Road, Palo Alto, California 94303-4900, (US), (Applicant designated States: all)

INVENTOR:

Ludolph, Frank E., 241 University Drive, Menlo Park, California 94025,

(US)  
 Swanson, Sara J., 20037 Beatty Ridge Road, Los Gatos, California 95030,  
 (US)  
 Ryan, Chris J., 2037 Montecito Avenue, No. 26, Mountain View, California  
 94043, (US)  
 LEGAL REPRESENTATIVE:  
 Browne, Robin Forsythe, Dr. (55142), Urquhart-Dykes & Lord Tower House  
 Merrion Way, Leeds LS2 8PA, (GB)  
 PATENT (CC, No, Kind, Date): EP 869425 A2 981007 (Basic)  
 EP 869425 A3 030409  
 APPLICATION (CC, No, Date): EP 98302399 980327;  
 PRIORITY (CC, No, Date): US 831847 970401  
 DESIGNATED STATES: DE; FR; GB; NL  
 EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
 INTERNATIONAL PATENT CLASS (V7): G06F-003/033  
 ABSTRACT WORD COUNT: 161  
 NOTE:  
 Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English  
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9841	647
SPEC A	(English)	9841	6835
Total word count - document A			7482
Total word count - document B			0
Total word count - documents A + B			7482

- ...SPECIFICATION on the World wide web. Those having skill in the art will appreciate that the **window** panel expansion and contraction capabilities of the invention will have utility in other contexts suchfunction or scrolling through the contents in the fixed display **area** . However, tool **panels** need not be **fixed** and may be expanded if the default size of the window panel does not show...
- ...or functions available to the user. In this context it would be desirable to have **window** panel 120 expand to show all its contents. The largest window panel in **window** 110 is the primary window panel 150. In the embodiment shown, window panel 150 is...
- ...the web site. As shown, window panel 160 is sufficiently large to show all the **contents** within the **panel** to the user. In this example, the width of the window panel is a little...
- ...highlighted or shown in bold. It should be noted that in the described embodiment, the **content** of primary **window pane** 150 corresponds to the item or page chosen in auxiliary window **pane** 140. For example, the "Krakatoa Home Page" **content** is displayed in **window pane** 150. The user can choose one of the directory items 160 from under "Krakatoa Home Page " 180 by **moving** the pointer 170 to the directory item and "clicking" on that item using a hardware...
- ...auxiliary window panel 140 in Figure 1. However, after choosing directory item 210 "User Interface," **window** panel 160 expanded to the right thereby expanding window panel 140. Panel 140 expanded so...on a certain user action, take place to expand a window panel to show underlying **content** or to contract a panel when content no longer needs to be displayed. This functionality...
- ...described in more detail in the accompanying flowcharts and discussion below. In any event, the **window** panel will **expand** to uncover all hidden **content** or to the maximum possible **size** , which ever is smaller. Thus, any **content** in affected window panels is not shifted, compressed, or reformatted as a result of **window** panel **expansion** . whatever **content** was covered upon **expansion** is now uncovered.



Figure 5 is a flowchart illustrating a method of **expanding** and contracting a **window panel** in accordance with one embodiment of the present invention. In step 510, the user moves...

**18/3,K/13** (Item 13 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00897698

**Method and system for facilitating the display of information to a computer user**

**Methode und System zur Erleichterung der Informationsanzeige an einen Rechnerbenutzer**

**Methode et systeme pour faciliter l'affichage d'informations a l'utilisateur de l'ordinateur**

PATENT ASSIGNEE:

SUN MICROSYSTEMS, INC., (1392730), 2550 Garcia Avenue, Mountain View, CA 94043, (US), (Proprietor designated states: all)

INVENTOR:

Nielsen, Jakob, 38 Walnut Avenue, Atherton, California 94027, (US)

LEGAL REPRESENTATIVE:

W.P. Thompson & Co. (101051), Coopers Building, Church Street, Liverpool L1 3AB, (GB)

PATENT (CC, No, Kind, Date): EP 820026 A1 980121 (Basic)

EP 820026 B1 030827

APPLICATION (CC, No, Date): EP 97304535 970626;

PRIORITY (CC, No, Date): US 673527 960701

DESIGNATED STATES: DE; FR; GB; NL; SE

INTERNATIONAL PATENT CLASS (V7): G06F-017/30

ABSTRACT WORD COUNT: 186

NOTE:

Figure number on first page: 12

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199804	1640
CLAIMS B	(English)	200335	1846
CLAIMS B	(German)	200335	1787
CLAIMS B	(French)	200335	1981
SPEC A	(English)	199804	4191
SPEC B	(English)	200335	4163
Total word count - document A			5832
Total word count - document B			9777
Total word count - documents A + B			15609

...SPECIFICATION user requests to see the popup window, retrieval continues and the browser updates the popup **window** with any additional **content** as it comes in. If no information from the destination file has been stored in...

...error is received or if the retrieval times out.

Once the popup link has been **displayed** on the web **page** and the information retrieval process has been initiated, the browser accepts and processes user input...

...input on the web page. If the user has not entered data on the web **page** then processing **cycles** back to step 1101. If it is determined that the browser has received user input...

...the browser displays the information retrieved in step 1009 of Figure 10 in a popup **window**. Figure 12 illustrates a popup **window** 1201 **superimposed** over main **window** 900 in response to actuation of popup link 901 by the user. The information associated with...user double-clicks the link anchor.

The present embodiment also provides methods for determining the **size** of the popup **window**. The "popup **window**" preferably has a **size** that is the minimum of the following two criteria:

- 1) half the height and half the width of the main **window** ;
- 2) the space needed to show the **content** of the destination file when using the same aspect ratio as that used in the...

...SPECIFICATION user requests to see the popup window, retrieval continues and the browser updates the popup **window** with any additional **content** as it comes in. If no information from the destination file has been stored in...

...error is received or if the retrieval times out.

Once the popup link has been **displayed** on the web **page** and the information retrieval process has been initiated, the browser accepts and processes user input...

...input on the web page. If the user has not entered data on the web **page** then processing **cycles** back to step 1101. If it is determined that the browser has received user input...the browser displays the information retrieved in step 1009 of Figure 10 in a popup **window**. Figure 12 illustrates a popup **window** 1201 **superimposed** over main **window** 900 in response to actuation of popup link 901 by the user. The information associated with...

...user double-clicks the link anchor.

The present embodiment also provides methods for determining the **size** of the popup **window**. The "popup **window**" preferably has a **size** that is the minimum of the following two criteria:

- 1) half the height and half the width of the main **window** ;
- 2) the space needed to show the **content** of the destination file when using the same aspect ratio as that used in the...

**18/3,K/14 (Item 14 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

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00741590

**Text broadcast and teletext decoding device**

**Text-Runkfunk und Einrichtung zur Teletext-Dekodierung**

**Radiodiffusion de texte et dispositif pour decoder du teletexte**

PATENT ASSIGNEE:

SHARP KABUSHIKI KAISHA, (260710), 22-22 Nagaike-cho, Abeno-ku, Osaka-shi, Osaka-fu 545-0013, (JP), (Proprietor designated states: all)

INVENTOR:

Mitani, Koichi, 1-32 Kenei-Uenojutaku, 6070-1 Uenomachi, Utsunomiya-shi, Tochigi, (JP)

LEGAL REPRESENTATIVE:

Brown, Kenneth Richard et al (28831), R.G.C. Jenkins & Co. 26 Caxton Street, London SW1H 0RJ, (GB)

PATENT (CC, No, Kind, Date): EP 700211 A2 960306 (Basic)  
EP 700211 A3 980624  
EP 700211 B1 030226

APPLICATION (CC, No, Date): EP 95304296 950620;

PRIORITY (CC, No, Date): JP 94188306 940810; JP 958067 950123

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS (V7): H04N-007/087; H04N-007/088; H04N-005/445

ABSTRACT WORD COUNT: 180

NOTE:

Figure number on first page: 12

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS A	(English)	EPAB96	2286
CLAIMS B	(English)	200309	1003
CLAIMS B	(German)	200309	874
CLAIMS B	(French)	200309	1287
SPEC A	(English)	EPAB96	23732
SPEC B	(English)	200309	24119
Total word count - document A			26024
Total word count - document B			27283
Total word count - documents A + B			53307

...SPECIFICATION If not, Step (S2) performs processing with the control code (such as to specify a **character** size, display color, screen coordinates and other attributes). Step (S3) judges whether a page is...

...a full screen) and in mode V (a still page on a full screen with **scrolling** up the screen) but allows said **text** information to be **displayed** on a part **area** of a display screen when a user operates keys on a keypad. This facility enables...

...the visibility of both character images. Namely, this device is capable of selectively changing the **displaying** location of **text** -broadcast information on the **display** screen.

Japanese Laid-open Patent Publication No. 1-143580 describes a conventional text-broadcast decoding...

...a switching circuit in order to realize freely setting a location and a size of **character** image on a **display** screen and which is capable of variably setting an **area** on a **display** screen, in which **text** information is **superimposed** according to a display timing signal and a display addressing signal in synchronism with a...part may occur depending on the pattern image developing condition, causing a considerable impairment of **character** presentation.

When a still text program is viewed on a wide-aspect monitor, a part ...

...of the television picture. Therefore, the teletext page information is scrollably indicated thereat, assuring easy **readability**.

A full-screen still- **page** received from a broadcasting station before being converted into a scrollable image can be compressed to a small-size still- **page** and **displayed** for several seconds on a suitable area of a television screen.

In process of demodulating data of a subtitle **page** to be superimposed on a **display** screen, a presentation area of the teletext information is detected and an optimal location for **displaying** an entire subtitle **page** is calculated on the basis of the detected area if the display area is reduced...

...usable by using the code table of Fig. 2.

Figures 4A and 4B are construction **views** for explaining a conventional **text** -broadcasting system and a teletext receiving system.

Figure 5 is a construction **view** of a conventional **text** -broadcast and teletext receiver set.

Figure 6 is a flow chart of conventional decoding processing...

...and 8B.

Figure 10 is illustrative of a conventional table of codes representing standard alphabetic **characters**.

Figure 11 is a construction **view** of a conventional teletext receiving system.

Figure 12 is a construction **view** for explaining a **text** -broadcast decoding device according to the present invention.

Figure 13 is a functional block diagram...

...SPECIFICATION If not, Step (S2) performs processing with the control

code (such as to specify a **character** size, display color, screen coordinates and other attributes). Step (S3) judges whether a page is...

...a full screen) and in mode V (a still page on a full screen with **scrolling** up the screen) but allows said **text** information to be **displayed** on a part **area** of a display screen when a user operates keys on a keypad. This facility enables...

...the visibility of both character images. Namely, this device is capable of selectively changing the **displaying** location of **text** -broadcast information on the **display** screen.

Japanese Laid-open Patent Publication No. 1-143580 describes a conventional text-broadcast decoding...

...a switching circuit in order to realize freely setting a location and a size of **character** image on a **display** screen and which is capable of variably setting an **area** on a **display** screen, in which **text** information is **superimposed** according to a display timing signal and a display addressing signal in synchronism with a...

**18/3,K/16 (Item 16 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

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00595939

**Method of executing a reproduction process and apparatus used therefor**  
**Verfahren zur Ausführung eines Kopierverfahrens und Vorrichtung zur**  
**Durchführung des Verfahrens**

**Methode d'execution d'un processus de reproduction et dispositif pour sa**  
**mise en oeuvre**

PATENT ASSIGNEE:

Dainippon Screen Mfg. Co., Ltd., (507661), 1-1, Tenjinkitamachi  
Teranouchi-Agaru 4-chome Horikawa-Dori, Kamikyo-ku Kyoto 602, (JP),  
(applicant designated states: DE;FR;GB)

INVENTOR:

Nakamura, Norihiko, c/o Dainippon Scr. Mfg. Co Ltd, 1-1, Tenjinkitamachi,  
Teranouchi-agaru 4-chome, Horikawa-dori, Kamikyo-ku, Kyoto, (JP)

LEGAL REPRESENTATIVE:

Goddard, Heinz J., Dr. et al (4231), FORRESTER & BOEHMERT  
Franz-Joseph-Strasse 38, 80801 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 602547 A2 940622 (Basic)  
EP 602547 A3 950503  
EP 602547 B1 990317

APPLICATION (CC, No, Date): EP 93119875 931209;

PRIORITY (CC, No, Date): JP 92353554 921214

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): G06F-017/21; G06F-017/22;

ABSTRACT WORD COUNT: 135

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9911	2066
CLAIMS B	(German)	9911	1842
CLAIMS B	(French)	9911	2726
SPEC B	(English)	9911	6970
Total word count - document A			0
Total word count - document B			13604
Total word count - documents A + B			13604

...SPECIFICATION of Fig. 17.

The process worker operates the reproduction process system to display a **JOB window** w4 (Figs. 18 and 21) showing **contents** in a first hierarchy, that is, a plurality of job-name directories stored in the...

...display second sub-window w22 of the page list display window w2 is selected for **page** editing. The processing at step S240 is executed in response to operation of the mouse...

...icon, for example, ICN2, by a click of the mouse 25. The process worker then **moves** the selected **page** icon ICN2 to an icon ICN31 representing page editing in a tool window w5 (Fig...

...tools. Page editing is thus specified for the target page.  
At step S250, the target **page** selected at step S240 is **displayed** on the CRT screen. That is, a page number sub-directory is extracted from a ...

...directories in the magnetic disk unit 32 (see Fig. 16) based on the job name **read** at step S210 and the **page** number selected at step S240. Page layout data and image data stored in the sub-directory are then **read** out, and the target **page** corresponding to the **page** layout data is **displayed** on the CRT screen.  
The program then goes to step S260 at which process information...

...specific image part in the target page. The "Trapping" process (Figs. 19(a)) expands an **overlapped** area IP3 between two image parts IP1 and IP2 respectively including one or a plurality of...

...20c are described according to the flowchart of Fig. 20.  
At step S310, the JOB **window** w4 showing **contents** of the magnetic disk unit 32 is displayed on the CRT screen as shown in...

**18/3,K/17 (Item 17 from file: 348)**  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00494448

**Display image scroll control and method**  
**Bildverschiebungssteuerung und Verfahren**  
**Commande et methode de defilement d'image affichee**

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;ES;FR;GB;IT)

INVENTOR:

Henshaw, Susan Faye, 3009 A Dorner Circle, Raleigh, NC 27606, (US)  
Redpath, Sarah Donan, 111 2B Brampton Lane, Cary, NC 27513, (US)

LEGAL REPRESENTATIVE:

de Pena, Alain et al (15151), Compagnie IBM France Departement de Propriete Intellectuelle, 06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 493990 A2 920708 (Basic)  
EP 493990 A3 930127  
EP 493990 B1 980415

APPLICATION (CC, No, Date): EP 91403257 911202;

PRIORITY (CC, No, Date): US 636655 901231

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS (V7): G06F-003/033;

ABSTRACT WORD COUNT: 136

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9816	1079
CLAIMS B	(German)	9816	1008
CLAIMS B	(French)	9816	1147
SPEC B	(English)	9816	7337
Total word count - document A			0
Total word count - document B			10571
Total word count - documents A + B			10571

...SPECIFICATION screen in the user's work area by one increment in a similar direction. To **shift** an entire **page** in a particular direction, the user must first select the desired scroll shaft 10 from...

...art so users are never quite certain how much scrolling will be the equivalent to **moving** by a **page** or some normal portion of a **page**. **Scrolling** by a full **display** window full minus a line or increment for reference is usually accomplished by selecting within...

...like in order to accurately position by more than a few lines for a new **view** on a new **page**.

Additionally, users have a difficult task relating the scroll box position and concept to the physical data of the actual work object. In systems where the scroll **box** remains a **fixed** size, there is no indication as to the overall work object's size with respect...

...the user must form a mental image of the actual data object and its relative **size** with respect to the work **area** display **window** by combining the information present in the scroll bars with their mental image of the...

...past that point. Many implementations simply do not allow a user to scroll the viewing **window contents** beyond the point where the last line of the work object comes into view at...

**18/3,K/18** (Item 18 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

00324452

**Method to automatically vary displayed object size with variations in window size.**

**Verfahren zur automatischen Änderung der Abmessungen von angezeigten Objekten in Bezug auf die Änderungen der Abmessungen des Bildfensters.**

**Methode pour changer automatiquement les dimensions d'objets affichés en relation avec les changements des dimensions de la fenêtre.**

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Torres, Robert Joseph, 6100 Meadowhill Dr., Colleyville Texas 76034, (US)

LEGAL REPRESENTATIVE:

Buff, Henri C. (14401), Compagnie IBM France Departement de Propriete Intellectuelle, F-06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 327781 A2 890816 (Basic)

EP 327781 A3 910327

EP 327781 B1 931020

APPLICATION (CC, No, Date): EP 88480100 881220;

PRIORITY (CC, No, Date): US 154546 880210

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS (V7): G09G-001/00; G06F-003/033;

ABSTRACT WORD COUNT: 400

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	EPBBF1	418
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CLAIMS B	(German)	EPBBF1	402
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CLAIMS B	(French)	EPBBF1	468
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SPEC B	(English)	EPBBF1	4392
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Total word count - document A			0
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Total word count - document B			5680
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Total word count - documents A + B			5680
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...SPECIFICATION B1

Field of Invention

This invention relates in general to the display of objects in an interactive information handling system and in particular...

...recent years to permit multiple windows to be created, to permit the location of the **window** to be moved dynamically from one position on the screen to another using "click and hold" mouse techniques, and to select the initial **size** of the **window** and also cause the **window size** to dynamically grow horizontally and vertically by similar "click and hold" mouse techniques.

A problem exists in prior art display systems which permit the **size** of the **window** to dynamically change when the window contains text and one or both of the window...

...is no way to provide a similar function as word wrapping. The problem is solved in some systems by letting the data "scroll" in either or both directions. The present invention is directed to an improved method for displaying information in the **window** of a display device in which the **size** of each displayed object is reduced in accordance with the reduction of the window so...

**18/3,K/19 (Item 19 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

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00291373

**Document preparation apparatus.**

**Dokumentenvorbereitungsapparat.**

**Appareil de preparation de documents.**

PATENT ASSIGNEE:

HITACHI, LTD., (204141), 6, Kanda Surugadai 4-chome, Chiyoda-ku Tokyo 101  
, (JP), (applicant designated states: DE;GB;IT;NL)

INVENTOR:

Fujiwara, Masaki, 12-6-2, Kokubu-cho 2-chome, Hitachi-shi Ibaraki 316,  
(JP)

Taniguchi, Shigeki, 1-3, Kokubu-cho 2-chome, Hitachi-shi Ibaraki 316,  
(JP)

Kawase, Masaki, 843-38, Nakane, Katsuta-shi Ibaraki 312, (JP)

Masuda, Kiyoshi, 1-3, Kokubu-cho 2-chome, Hitachi-shi Ibaraki 316, (JP)

LEGAL REPRESENTATIVE:

Patentanwalte Beetz sen. - Beetz jun. Timpe - Siegfried -

Schmitt-Fumian- Mayr (100712), Steinsdorfstrasse 10, D-8000 Munchen 22,  
(DE)

PATENT (CC, No, Kind, Date): EP 291906 A2 881123 (Basic)

EP 291906 A3 900725

APPLICATION (CC, No, Date): EP 88107822 880516;

PRIORITY (CC, No, Date): JP 87120587 870518

DESIGNATED STATES: DE; GB; IT; NL

INTERNATIONAL PATENT CLASS (V7): G06F-015/20;

ABSTRACT WORD COUNT: 172

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1386
SPEC A	(English)	EPABF1	19998
Total word count - document A			21384
Total word count - document B			0
Total word count - documents A + B			21384

...SPECIFICATION unit such as millimeter at the time of print. Accordingly, though the problem that the **size** of the region changes due to the

edition of the text does not occur, the...area for inputting the texts is changed by the operations such as setting of a **region** having exclusiveness, movement, **size** change and page format change.

The **text** data edition unit includes text input control means for controlling the arrangement of the text...

...in the form different from the region into which the text can be inputted.

The **region** information hold means manages the **size** and position of the **region** set by the **region** set means in the **size** and at the position corresponding to those of at the time of print output, ... layout, and there is no possibility that the change of format information such as the **text** -line spacing and character spacing affects the **size** of the **region** or insertion, addition or deletion of the text changes the position of the region.

When...

...text by himself.

In the document preparation apparatus in accordance with the present invention, the **size** and position of the set **region** are managed in the **size** and position corresponding to those at the time of print output and the set attributes...internal region 5693 makes it possible to conduct all the region editions such as the **region** novel preparation, updating, movement, copy, deletion, size change, attribute change, and so forth. One of...such text data which become the body text inside the document. Edition of this basic **region** 5692 enables the region novel preparation and updating among the editions of the regions described...

...by the edition operation of the page such as page movement, copy, deletion, etc. The **text** data that are described in the basic **region** 5692 are stored sequentially from the leading page in each chapter and when the characters overflow due to the input and edition of the **text**, they are stored successively into the basic **region** 5692 of the next page.

Furthermore, when the chapters are different, the **text** data described above are managed as separate **region** data, respectively. Therefore, if the **characters** overflow from a page as described above and if the succeeding page is another chapter...

...overflowing data can be stored in the newly added page.

Incidentally, whether or not the **text** data exists inside the basic **region** 5692 is judged by, for example, setting the afore-mentioned data kind 5647 to an...

...manages the position of the exclusive region inside each page of the document. In other **words**, if the internal **region** 5693 set inside the page has exclusiveness, it manages the exclusive **area** of the **text** that is defined by the mode of exclusiveness, the size of the basic **region** 5692...

...ending side of text-line, full text-lines), if the direction of characters of the **text** data to be described in the basic **region** 5692 is designated as vertical writing by the afore-mentioned page format table 5630, the...

...CLAIMS data in said region;

the improvement characterized in that said document edition unit (561) includes:

**region** set means for setting a size of said region to a size corresponding to a...text in order to prevent an input text from overlapping from said region when said **region** having exclusiveness has already been set when said text is inputted and edited.

6. A...

...excluding said text is any one of full page exclusive information for excluding all said **texts** inside a page in which said **region** is set, full **text** -line exclusive information for excluding said texts in all the **text** -lines extending to a **region** set position, **text**



-line leading side exclusive information for excluding said text on a leading side of said **text** -line containing said **region** set position and extending to said **region** set position, **text** -line ending side information for excluding said text on an ending side of said **text** -line containing said **region** set position and extending to said region set position, and set region exclusive information of only said **region** for excluding said **text** extending to said **region** set position.

18/3,K/21 (Item 21 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00248331

Computer system with multiwindow presentation manager.

Rechnersystem mit einer Steuervorrichtung für ein Mehrfenster-Anzeigesystem

Système d'ordinateur avec un dispositif de gestion d'affichage de fenêtres multiples.

PATENT ASSIGNEE:

Kabushiki Kaisha Toshiba, (213130), 72, Horikawa-cho Saiwai-ku,  
Kawasaki-shi Kanagawa-ken 210, (JP), (applicant designated states:  
DE;FR;GB)

INVENTOR:

Kikuchi, Kiyoshi c/o Patent Division, Kabushiki Kaisha Toshiba 1-1  
Shibaura 1-chome, Minato-ku Tokyo 105, (JP)  
Mori, Akio c/o Patent Division, Kabushiki Kaisha Toshiba 1-1 Shibaura  
1-chome, Minato-ku Tokyo 105, (JP)

LEGAL REPRESENTATIVE:

Freed, Arthur Woolf et al , MARKS & CLERK 57-60 Lincoln's Inn Fields,  
London WC2A 3LS, (GB)

PATENT (CC, No, Kind, Date): EP 247827 A2 871202 (Basic)  
EP 247827 A3 891115

APPLICATION (CC, No, Date): EP 87304647 870526;

PRIORITY (CC, No, Date): JP 86120898 860526

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): G09G-001/00;

ABSTRACT WORD COUNT: 205

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1391
SPEC A	(English)	EPABF1	3706
Total word count - document A			5097
Total word count - document B			0
Total word count - documents A + B			5097

...SPECIFICATION W3 to window W2, in response to detection signal 48, sub CPU 50 updates the **contents** of **window** priority memory 40 so as to change the display priority of window W2 to the...

...a result, the contents of memory 40 are rewritten as follows. (see image in original **document** )

Unless the **moving** cursor C further moves into another window, the priority of window W2 does not change...

...memory 32 as well as to refresh image memory 26. Upon completion of rewriting the **contents** of **window** priority memory 40, sub CPU 50 secures a memory region in image memory 26 that corresponds to the position and the **size** of the currently-active **window** W2. Sub CPU 50 then secures a memory region in image memory 26 that corresponds to the position and the **size** of **window** W3 given the second highest priority. That portion of window W3 which is under window...

...50 secures a memory region in image memory 26 that corresponds to the position and **size** of **window** w1 given the lowest priority. That portion of window w1 which lies under either window...

...active window w2 in the aforementioned manner. Subsequently, sub CPU 50 accesses memory 54 and **reads** therefrom the information (e.g., **character** data, such as dictionary information that has been referred to prepare the office document) that the **overlapping region** of **windows** w1 and w2 is deleted under the control of sub CPU 50. Only the remaining ...

**18/3,K/24 (Item 24 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
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00736160   \*\*Image available\*\*  
**DATA SET USER INTERFACE CONTROL FOR USE IN ACCESSING INFORMATION IN A COMPUTER**  
**COMMANDE D'INTERFACE-UTILISATEUR D'ENSEMBLE DE DONNEES PERMETTANT D'ACCEDER A DES INFORMATIONS DANS UN ORDINATEUR**  
Patent Applicant/Assignee:  
INTERNATIONAL BUSINESS MACHINES CORPORATION, New Orchard Road, Armonk, NY 10504, US, US (Residence), US (Nationality)  
Inventor(s):  
LITTLE Alex Dudley, 2425 Trinity Farms Road, Raleigh, NC 27607, US  
MARTINEZ Anthony Edward, 913 Challenger Street, Austin, TX 78734, US  
RAHN Michael David, 4301 Valley Drive NW, Rochester, MN 55901, US  
Legal Representative:  
ROTH Steven W, IBM Corporation, Dept. 917, Building 006-1, 3605 Highway 52 North, Rochester, MN 55901-7829, US  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200049490 A1 **20000824** (WO 0049490)  
Application: WO 99US16817 19990722 (PCT/WO US9916817)  
Priority Application: US 99250448 19990216  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
CN JP KR  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Filing Language: English  
Fulltext word Count: 11626

Patent and Priority Information (Country, Number, Date):  
Patent: ... **20000824**  
Fulltext Availability:  
Detailed Description  
Publication Year: **2000**

Detailed Description  
... Consequently, whenever the amount of data in a document is too great for the entire **document** to be displayed in a window at the same time, many computer systems rely on...

...as scroll bars  
to permit a user to access different portions of a document.

A **scroll** bar typically permits a user to scroll in a predetermined direction (i.e., vertically or...

...various controls on the scroll bar,  
For example,, many scroll bars include an elongated scroll **region** , or track, that represents the overall **size** of the document in the direction of the member. A slider is anchored

on the...

...at the relative position of the portion of the document that is displayed in the **window**. The slider may be a **fixed size**, or may have a variable size along the length of the track to represent the relative size of the portion of the document **displayed** in the window. By depressing a mouse button while the pointer is disposed over the...

...of the track while the mouse button is depressed, a user is typically permitted to **scroll** through the **document** (an operation known as "dragging" the slider).

A scroll bar may also include a pair...

...and decrement controls), disposed at each end of the track that permit line-by-line **scrolling** through the **document** in response to pointing and clicking on the buttons. Moreover, some scroll bars additionally permit a user to **scroll** screen-by-screen or **page** -by-page (known as a block increment or decrement) by pointing and clicking directly on...

...in the data set is readily available for display as the user scrolls through the **window contents**. However, in other instances, it may not be desirable to retrieve an entire data set...

**18/3,K/28 (Item 28 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00229223 \*\*Image available\*\*

**IN-CONTEXT EDITING SYSTEM WITH FRAME TOOL**

**SYSTEME D'EDITION EN CONTEXTE A OUTIL D'ENCADREMENT**

Patent Applicant/Assignee:

BEAGLE BROS INC,

Inventor(s):

STAW Michael,

SIMONSEN Mark S,

HOULE Michael,

FRANK Richard,

ROSENBLUM Bruce,

TEPPER Kenneth A,

SISAK Steve,

Patent and Priority Information (Country, Number, Date):

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Application: WO 92US6634 19920806 (PCT/WO US9206634)

Priority Application: US 91103 19910806; US 92901 19920221

Designated States:

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AU BB BG BR CA CS FI HU JP KP KR LK MG MN MW NO PL RO RU SD AT BE CH DE

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Publication Language: English

Fulltext Word Count: 12839

Patent and Priority Information (Country, Number, Date):

Patent: ... **19930218**

Fulltext Availability:

Detailed Description

Publication Year: **1993**

#### Detailed Description

... appear to rest on the desktop

136\*

The screen display of Figure 2 illustrates two **overlapping windows** "on" the desktop 136. An inactive **window** 140, wherein the inactivity is indicated to the user by a lack of shading at...

...is active at a time (always at the top of, or in front of, any **overlapping windows**) and the active **window** is allowed to have operations performed on its objects, The area of window surrounding the...  
...completely independent windows that have no "knowledge" of one another.

The structural elements of the **window** frame, which surround the **content area** of a **window**, are highlighted in the active window 142, Most of the structural elements can be selected...strip at the bottom of the window) which represents the horizontal dimension of the entire **document**; a **scroll** box 156 (one in each scroll bar 150,, 154) which when dragged within the **scroll** bar "moves" the **document** in the dragging direction; and a scroll arrow 158 (at the ends of the scroll bars 150,, 154) which when clicked "moves" the **document** a distance of one unit in the chosen direction, e.g., one line for a...

**18/3,K/29 (Item 29 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00188710

#### A REMINDER FUNCTION FOR EXECUTIVE INFORMATION PROCESSING

#### FONCTION DE RAPPEL POUR LE TRAITEMENT D'INFORMATIONS D'EXECUTION

Patent Applicant/Assignee:

COMSHARE INCORPORATED,

Inventor(s):

CRANDALL Richard L,

LIEFFERS Dorothy A,

BEYER Thomas P,

HANSKNECHT Paul E,

ESCHMAN James K,

Patent and Priority Information (Country, Number, Date):

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AT AU BE CH DE DK ES FR GB IT JP LU NL SE

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Patent: ... **19910502**

Fulltext Availability:

Claims

Publication Year: **1991**

#### Claim

... the screen anywhere other than

Note-It area 406. This action will cause Note-It **area** 406 to shrink to the **size** of a Note-It icon 906 as shown on display 900 of Fig. 9. Touching Note-It icon 906 again restores Note-It **area** 406 to its original **size**.

In a preferred embodiment, Note-It area 406 acts as though it was "stuck to the glass" of the screen display . Thus, the document under Note-It area 406 can be moved by scroll arrow icons 414-417 without moving the Note-It area . In another preferred embodiment, scrolling is disabled for the document underlying Note-It area 406. When "PUT IN REMINDER" button icon 408 is touched, a...